



## Chatham Annual Report 2018

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## Elected Offices

### **MODERATOR (3 year term)**

William G. Litchfield      Term Expires 2021

### **BOARD OF SELECTMEN (3 year term)**

Dean P. Nicastro,  
Chairman      Term Expires 2021  
Cory J. Metters, Vice Chairman  
Term Expires 2021  
Peter Cocolis, Clerk      Term Expires 2019  
Shareen Davis      Term Expires 2020  
Jeffrey S. Dykens      Term Expires 2019

### **MONOMOY REGIONAL SCHOOL**

#### **DISTRICT COMMITTEE (3 year term)**

Donna Richardson, Chairman  
Term Expires 2019  
Joseph Auciello      Term Expires 2019  
Jacquelyn Long      Term Expires 2020  
Terry Russell      Term Expires 2021  
Jo-anne Sheehan      Term Expires 2021  
Nancy L. Scott      Term Expires 2020  
Sharon Stout      Term Expires 2020

### **BARNSTABLE COUNTY ASSEMBLY**

#### **OF DELEGATES (2 year term)**

Randi Potash      Term Expires 2020

### **CHATHAM HOUSING AUTHORITY**

(5 year term)

Kathleen Bailey, State Appointment  
Term Expires 2019  
Priscilla "Pat" Ford      Term Expires 2023  
Alan Mowry      Term Expires 2019  
Janice O'Connell      Term Expires 2020  
Shirley L. Smith      Term Expires 2021

## Appointed Offices

### **TOWN MANAGER**

Jill R. Goldsmith      Town Manager  
Shanna Nealy      Executive Assistant

### **FINANCE**

Alexandra Heilala  
Director of Finance/Town Accountant  
Cheryl Serijan      Assistant Town Accountant/  
Assistant Finance Director  
Jacqueline Hodgdon      Accounting Clerk/Staff  
Assistant

### **TREASURER/COLLECTOR**

Sharon Drown      Treasurer/Tax Collector  
Marie Chmura      Assistant Treasurer/  
Tax Collector  
Marissa Roberts      Collections Assistant

### **ASSESSING**

Ardelle Kelley      Assessing Director  
Candace Cook      Assessor  
Melanie Taylor      Assessing Clerk/Field  
Technician

### **HUMAN RESOURCES, HUMAN SERVICES**

Jillian Douglass      Human Resources Director  
Annette Preston      Benefits Administrator

### **INFORMATION TECHNOLOGY AND CHANNEL 18**

Craig Rowe      IT Director  
James A. Cuddy      IT Manager  
Ryan Darmon      Media Coordinator  
Mark Van Bork      Assistant Media Coordinator

### **TOWN CLERK**

Julie S. Smith      Town Clerk  
Paula A. Tobin      Assistant Town Clerk

### **REGISTRARS OF VOTERS**

Joseph P. Caputo  
Virginia E. Laporte  
Ethel A. Shafter

### **ELECTION PERSONNEL/INSPECTORS**

Evelyn Ambriscoe  
Joan Bagnell  
Carol Barry  
Danyel Bianchi-Matteson  
Beverly Brown  
Judith Buchanan  
Cherrill Corby Lewis  
Jacqueline Crimins  
Scott Daniels  
Mary Dempsey  
Janet Edson  
Ann Eldredge  
Genie Griffin  
Genie Griffin-Hatch  
Bette Hahner  
Martha Harrison  
Elizabeth Hines  
Sandra Koski  
Mary Langille  
Mary McDermott  
Lillian McNulty  
Pepe Miller  
Alexandra (Sandi) Porter  
David Porter  
Louise Redfield  
Jennifer Smith  
Christine Storey Hart  
Helga Sullivan  
Carol Tautkus  
Margaret Walker

### **CONSTABLES**

Benjamin J. Nickerson      Term Expires 2020  
Thomas R. Pennypacker, II      Term Expired  
2018  
John Proudfoot      Term Expires 2019

### **TOWN COUNSEL**

Louison, Costello, Condon, and Pfaff, LLP

### **COUNCIL ON AGING**

Amanda Speakman      Director  
Eva Marie Orman      Outreach Coordinator  
Stephanie Shea      Outreach Worker

### **COUNCIL ON AGING**

Nancy Michniewicz      Receptionist  
Deborah Mayhew      Secretary  
Maura Hall      Program Coordinator  
Stephen Heffron      Driver  
Richard Hosmer      Driver  
Roger Kallstrom      Driver  
Paul Robinson      Driver  
Ralph Spaduzzi      Driver

### **VETERANS' SERVICES DIRECTOR**

Edward F. Merigan

### **NATURAL RESOURCES DEPARTMENT**

Dr. Robert A. Duncanson      Director  
Judith H. Giorgio      Health Agent  
Stephen Ward      Health Inspector/Part-time  
Sarah Griscom      Environmental Technician  
Dianne E. Langlois      Secretary

### **COASTAL RESOURCES DIVISION**

Theodore L. Keon      Director  
Renee Gagne      Shellfish Constable  
Rachel Hutchinson      Assistant Shellfish  
Constable/Propagation Specialist

### **DEPUTY SHELLFISH CONSTABLES**

Shannon Doane      Term Expires 2019  
Mark Dobbins      Term Expires 2019  
Allyson Felix      Term Expires 2019  
Jeffrey Hahner      Term Expires 2019  
Andrea Higgins      Term Expires 2019  
Peter Hogan      Term Expires 2019  
Janine Hojinski      Term Expires 2019  
Peter Kolb      Term Expires 2019  
Dennis McGee      Term Expires 2019  
Susan Machie      Term Expires 2019  
Patrick Otton      Term Expires 2019  
Robert Ryder      Term Expires 2019  
Lawrence Sampson      Term Expires 2019  
Patricia Sandri      Term Expires 2019

### **SHOREBIRD MONITORS**

Suzanne Phillips      Term Expires 2018  
Thomas Olson      Term Expires 2018

## Appointed Offices

### TOWN LANDING OFFICERS

David Likos	Term Expires 2018
Paul Nahass	Term Expires 2018

### CONSERVATION DIVISION

Dr. Caroline Harper	Conservation Agent
Paul Wightman	Asst. Conservation Agent
Mary M. Fougere	Secretary

### HARBORMASTER DIVISION

Stuart F.X. Smith	Harbormaster
Jason Holm	Deputy Harbormaster
Susan K. Rocanello	Office Manager/Asst. Harbormaster
Michael Ryder	Coastal Facilities/Wharfing

### ASSISTANT HARBORMASTERS

Robert Byrnes	Term Expires 2018
Joel Clifford	Term Expires 2018
Sean Connell	Term Expires 2018
Thomas Deeg	Term Expires 2018
James Horne	Term Expires 2018
Matthew Hussey	Term Expires 2018
Shawn McGlynn	Term Expires 2018
Shane O'Neill	Term Expires 2018
Margaret Ready	Term Expires 2018
Stephen Ricotta	Term Expires 2018
Bruce Schneider	Term Expires 2018
Joshua Shadan	Term Expires 2018
John Summers	Term Expires 2018
Christopher Woods	Term Expires 2018

### HERRING WARDEN

Donald St. Pierre

### PERMITS

Francis Ellingham	Permit Clerk
Mark Desmond	Permit Clerk
Susan Fleischman	Permit Clerk

### COMMUNITY DEVELOPMENT DEPARTMENT

Kathleen Donovan	Director
Jay Briggs	Building Commissioner/Zoning Enforcement Officer/Sign Agent
Richard Flores	Local Building Inspector
Aly Sabatino	Principal Planner
Sarah Clark	Central Permitting Coordinator
Kristen Caruso	GIS Planner
Michele Clarke	Office Manager
Kyle Pedicini	Secretary
Chantel Kilkenny	Secretary
Christina Bassett	Inspections Secretary

### AMERICAN DISABILITIES ACT COORDINATOR

Kristen Caruso

### GAS AND PLUMBING INSPECTION

Eric Olkkola	Inspector
Tom David	Deputy Inspector

### SURVEYOR OF WOOD, BARK AND LUMBER

Robert J. Liska

### ELECTRICAL INSPECTION

George McManus	Inspector
Peter Winkler	Deputy Inspector

### PRINCIPAL PROJECTS AND OPERATIONS

Terence M. Whalen	Director
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### MUNICIPAL BUILDINGS AND GROUNDS

Tucker Dutcher	Facilities Foreman
Brian Deveau	Facilities Technician
Jeffrey Chambers	
John Custodie	
Jerome Kenlyn	
Mary Rogers	

### POLICE

Mark R. Pawlina	Chief
John Cauble	Deputy Chief (Retired 2018)
Michael Anderson	Deputy Chief
Diane Byers	Animal Control Officer
Melanie Boutin	Administrative Assistant
Andrew B. Goddard	Lieutenant
William R. Glover III	Sergeant
Sarah A Harris	Sergeant
William Massey	Sergeant/School Resource Officer

Louis Malzone	Detective
Geoffrey Phillips	Court Officer
Joseph Amara	Officer
Andrew Hutton	Officer
William Little	Officer
Christopher Merigan	Officer
Michael Murphy	Officer
Greg Naylor	Officer
Mark Pasioneck	Officer
Thomas Powers	Officer
Sean Ryder	Officer
Christopher Vardakis	Officer
John Whittle	Officer
Joshua Wisniewski	Officer
Robert Finacom	Reserve Officer
Jennifer Cahoon	Dispatcher
Jessica Carran	Dispatcher
Matthew Casale	Dispatcher
Erin Hemeon	Dispatcher
Rhiannon Reynolds	Dispatcher

### FIRE

Peter Connick	Chief
David Depasquale	Deputy Chief
Mark Higgins	Captain
Wallace F.N. Wirtz	Captain
David Ready	Captain
Ryan Clarke	Lieutenant
Ralph Silvester	Lieutenant

### FIRE

Gerard Smith	Lieutenant
Justin Tavano	Lieutenant
Richard Shevory	Fire Inspector
Mark Heller	EMS Coordinator
Vance Bates	Fire Fighter
Nicholas Black	Fire Fighter
Joseph Bono	Fire Fighter
William Delande	Fire Fighter
William RC Field	Fire Fighter
Harrison Fietz	Fire Fighter
Stacey Henderson	Fire Fighter
Ryan Holmes	Fire Fighter
Timothy Hunter	Fire Fighter
Bretten Johnson	Fire Fighter
Seth Karter	Fire Fighter
Scott Long	Fire Fighter
Michael Lopriore	Fire Fighter
Rachel McGrath	Fire Fighter
Kevin Moore	Fire Fighter
Nicholas Pelky	Fire Fighter
Shawn Ricard	Fire Fighter
Nicholas Ruggiere	Fire Fighter
James Young	Fire Fighter

### FOREST WARDEN

Peter Connick

### HAZARDOUS MATERIALS COORDINATOR

Peter Connick

### EMERGENCY MANAGEMENT

John Cauble	Emergency Management Director (Retired 2018)
Peter Connick	Emergency Management Director
John Kondratowicz	Emergency Manager
Stuart F.X. Smith	Emergency Management Deputy Director

### OIL POLLUTION AND SPILL COORDINATORS

Stuart F.X. Smith	(All Coastal and Marine Activities)
Peter Connick	(All Inland Activities)

### PARKS AND RECREATION

Daniel L. Tobin	Director
Georgia A. Farrell	Recreation Program Supervisor
Suzanne Winkfield	Recreation Coordinator
Sharon Stark	Youth Services Coordinator
Susan Mabile	Secretary
George Gatzogiannis	Community Building Supervisor
Walter Quinn	Community Building Supervisor
Tom Redmond	Community Building Supervisor
Ronald Friend	Parks Foreman

## Appointed Offices

### PARKS AND RECREATION

David Constant	Parks/Grounds Worker (Retired 2018)
Andrew Davol	Parks/Grounds Worker
Paul Fougere	Parks/Grounds Worker

### TREE WARDEN & SUPERINTENDENT OF INSECT AND PEST CONTROL

Daniel L. Tobin

### CEMETERY

Dee Shippelhute Secretary

### DEPARTMENT OF PUBLIC WORKS, WATER & SEWER DEPARTMENTS

Thomas Temple	Director
Pam Jones	Office Manager
Patricia Zingarelli	Secretary

### HIGHWAY DIVISION

Paul White, Jr.	Foreman
Gerald Friend	Sp. Equipment Operator
Kenneth Friend	Vehicle Repair
Brian Gates	Sp. Equipment Operator
Richard Corres	Sp. Equipment Operator
Crayton Nickerson	Sp. Equipment Operator
Brian Powers	Sr. Laborer

### TRANSFER STATION DIVISION

Joshua Pelletier	Supervisor
Gregory Hopkins	Laborer
David Laurie	Sr. Equipment/Machine Operator
Steven Leavenworth	Sr. Equipment/Machine Operator
David Lusher	Sr. Equipment/Machine Operator
Richard Yethman	Sr. Equipment/Machine Operator
Jennifer Underwood	Gate Attendant

### PUBLIC WEIGHERS

David Laurie  
Steven T. Leavenworth  
Jennifer Underwood

## Committees/Boards/Commissions

### AFFORDABLE HOUSING

Shirley L. Smith, Chairman	Term Expires 2020
Bruce Bean	Term Expires 2021
Tracy Cannon	Term Expires 2019
Kayta Koehler-Rice	Term Expires 2021
Karolyn McClelland	Term Expires 2021
Katie Fitz Nickerson	Term Expires 2020
Lindsey O'Connell	Term Expires 2020

### AFFORDABLE HOUSING BOARD OF TRUSTEES

Bruce Beane	Term Expires 2019
Peter Cocolis	Term Expires 2019
Shareen Davis	Term Expires 2020
Robert F. Denn	Term Expires 2019
Jeffrey S. Dykens	Term Expires 2019
Cory J. Metters	Term Expires 2021
Dean P. Nicastro	Term Expires 2021

### AIRPORT COMMISSION

Peter Donovan, Chairman	Term Expires 2019
Michael Geylin	Term Expires 2020
Huntley Harrison	Term Expires 2021
Rene Haas	Term Expires 2020
David Owens	Term Expires 2019
Nancy Patterson	Term Expires 2020
JP Vario	Term Expires 2021

### BOARD OF ASSESSORS

John Burke, Chairman	Term Expires 2021
Thomas (Nick) Brown	Term Expires 2019
Robert B. Franz	Term Expires 2020

### AUNT LYDIA'S COVE COMMITTEE

Doug Feeney, Chairman	Term Expires 2020
Luther Bates	Term Expires 2021
Jared Bennett	Term Expires 2019
Kenneth Eldredge	Term Expires 2019

### AUNT LYDIA'S COVE COMMITTEE

Mark Liska	Term Expires 2020
Nicholas Muto	Term Expires 2021
Joel Rottner	Term Expires 2021

### BIKEWAYS COMMITTEE

John O'Toole, Chairman	Term Expires 2021
K. Bradley Bivens	Term Expires 2020
Samuel Carpenter	Term Expires 2021
Douglas J. Nichols	Term Expires 2019
Steven B. Wardle	Term Expires 2020
David Widing	Term Expires 2020

### BOARD OF HEALTH

John Beckley, Chairman	Term Expires 2019
Ronald C. Broman	Term Expires 2018
Dr. Bernard Pfeifer	Term Expires 2020
Burton Segall	Term Expires 2021
Edward W. Sheehan	Term Expires 2020
Dr. Allen Ward, Alternate	Term Expires 2019

### BARNSTABLE COUNTY COASTAL RESOURCES COMMITTEE

Robert A. Duncanson Until Work Completed

### BARNSTABLE COUNTY TECHNICAL ADVISORY COMMITTEE ON DREDGING

Theodore L. Keon	Until Work Completed
Stuart F.X. Smith, Alternate	Until Work Completed

### CAPE COD JOINT TRANSPORTATION COMMITTEE

Thomas Temple	Until Work Completed
Terry Whalen, Alternate	Until Work Completed

### CAPE COD NATIONAL SEASHORE ADVISORY COMMITTEE

Joseph Craig

### CAPE COD REGIONAL TECHNICAL HIGH SCHOOL DISTRICT COMMITTEE

James M. Upson	Term Expires 2021
Marie Connolly	Term Expires 2019

### CAPE COD REGIONAL TRANSIT AUTHORITY

Jill Goldsmith Until Work Completed

### CABLE ADVISORY COMMITTEE

Huntley Harrison, Chairman	Term Expires 2019
Lisa Franz	Term Expires 2020
Howard Berkowitz	Term Expires 2021

### CAPE COD COMMISSION

Tom Wilson	Term Expires 2021
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### CAPE COD MUNICIPAL HEALTH GROUP BOARD

Jill Goldsmith Until Work Completed

### CAPE LIGHT COMPACT

Peter Cocolis Until Work Completed

### CAPE & VINEYARD ELECTRIC COOPERATIVE

John H. Scott Until Work Completed

### CEMETERY COMMISSION

George W. Jr. Goodspeed, Chairman	Term Expires 2021
Stephen A. Hart	Term Expires 2020
David Whitcomb	Term Expires 2019

### CHARTER REVIEW COMMITTEE

Elizabeth Taylor, Chairman	Until Work Completed
John Bendas	Until Work Completed
Stephen Buckley	Until Work Completed

## Committees/Boards/Commissions

### CHARTER REVIEW COMMITTEE

Gloria Freeman	Until Work Completed
Thomas Geagan	Until Work Completed
George Lane	Until Work Completed
Richard Leavitt	Until Work Completed
Stuart Smith	Until Work Completed
Seth Taylor	Until Work Completed

### COMMITTEE FOR THE DISABLED

Robert Lear, Chairman	Term Expires 2020
Ragnhild Bjerke	Term Expires 2020
Priscilla "Pat" Ford	Term Expires 2020
Joan Mohr	Term Expires 2021
John Raye	Term Expires 2020
George Snider, Jr.	Term Expires 2019
Dr. Allen Ward	Term Expires 2021

### COMMUNITY PRESERVATION COMMITTEE

Debbie Aikman, At Large	Term Expires 2020
Bruce Bean, Affordable Housing	Term Expires 2021
Victor DiCristina, Land Bank Committee	
Open Space	Term Expires 2020
Peter Farber, Planning Board	Term Expires 2020
Jane Moffet, Historical Commission	Term Expires 2019
Alan Mowry, Housing Authority	Term Expires 2020
Ira Seldin, Park & Recreation Commission	Term Expires 2019
Richard Stenberg, At Large	Term Expires 2021
Dr. Michael Tompsett, Conservation Commission	Term Expires 2020

### CONSERVATION COMMISSION

Dr. Michael Tompsett, Chairman	Term Expires 2020
Robert Del Vecchio	Term Expires 2019
Diane "Dee Dee" Holt	Term Expires 2020
Joseph Kitts	Term Expires 2021
Robert Ralls	Term Expires 2021
Janet Williams	Term Expires 2020

### COUNCIL ON AGING BOARD OF DIRECTORS

David Speciale, Chairman	Term Expires 2019
Joan Bagnell	Term Expires 2021
Patricia Burke	Term Expires 2019
Carole DeCristopher	Term Expires 2020
Joseph Gagliano	Term Expires 2021
Betty Magnusson	Term Expires 2019
Barbara Segall	Term Expires 2020

### CULTURAL COUNCIL

Cecile Maranhos	Term Expires 2020
Leslie Borkoski	Term Expires 2020
Jacquelyn Casey	Term Expires 2019
William Cullinane	Term Expires 2021
Barbara Horneberger	Term Expires 2021
Winnie Lear	Term Expires 2021
Linda Saunders	Term Expires 2021
Jamie Selldorff	Term Expires 2019

### ECONOMIC DEVELOPMENT COMMITTEE

Luther Bates, Chairman	Term Expires 2021
Stephen Buckley	Term Expires 2021
Molly MacGregor	Term Expires 2020
George Khalil	Term Expires 2020
Darren Saletta	Term Expires 2019
Andrew Wade	Term Expires 2019
Keith Yocum	Term Expires 2021

### ELDREDGE GARAGE PROPERTY PLANNING COMMITTEE

Brad Schiff, Chairman	Until Work is Completed
Shareen Davis	Until Work is Completed
Dean Nicastro	Until Work is Completed
Lisa Franz	Until Work is Completed
Scott Hamilton	Until Work is Completed
John Kaar	Until Work is Completed
Winifred Lear	Until Work is Completed
Frank Messina	Until Work is Completed
Sandra Wycoff	Until Work is Completed

### ENERGY COMMITTEE

Robert Wirtshafter, Chairman	Term Expires 2021
Richard Cooper Kelsey	Term Expires 2019
Katherine McClellan	Term Expires 2020
John Poignand	Term Expires 2020

### FINANCE COMMITTEE

Stephen Daniel, Chairman	Term Expires 2021
Norma Avellar	Term Expires 2019
Thomas Doane	Term Expires 2019
Barbara Matteson	Term Expires 2020
John Pappalardo	Term Expires 2020
Florence Seldin	Term Expires 2020
Jo Ann Sprague	Term Expires 2021
John L. Whelan	Term Expires 2019
Andrew Young	Term Expires 2021

### GOLF ADVISORY COMMITTEE

Bruce Bogardus, Chairman	Term Expires 2020
Stephen Kuzma	Term Expires 2021
Sheila Nugent	Term Expires 2020
Michael Stello	Term Expires 2019
Denise Yocum	Term Expires 2020

### GOLF ADVISORY COMMITTEE

Arthur Spruch	Term Expires 2020
Robert Wirtshafter	Term Expires 2021

### PLEASANT BAY RESOURCE MANAGEMENT ALLIANCE STEERING COMMITTEE

Jane Harris	Until Work Completed
Charles J. Bartlett, Alternate	Until Work Completed

### PUBLIC CEREMONIES

Carol Abel	Term Expires 2020
Robert B. Franz	Term Expires 2021

### RAILROAD MUSEUM WORKING GROUP

James Aaron	Until Work Completed
Donald Aikman	Until Work Completed
Dick Boberg	Until Work Completed
Bruce Evans	Until Work Completed
John E. Gulow	Until Work Completed
Stephen Hart	Until Work Completed
Roland (Ron) Kelley	Until Work Completed
William Koerner	Until Work Completed
Ryder Martin	Until Work Completed
Elizabeth McCarte	Until Work Completed
Robert Shafter	Until Work Completed
Gil Sparks	Until Work Completed

### SHELLFISH ADVISORY COMMITTEE

Jamie Bassett, Chairman	Term Expires 2020
John Garey	Term Expires 2021
Barry Greco	Term Expires 2019
John Kenneway	Term Expires 2020
David C. Likos	Term Expires 2019
Patricia Vreeland	Term Expires 2019
Stephen A. Wright	Term Expires 2019

### SOUTH COASTAL HARBOR MANAGEMENT

Michael Westgate, Chairman	Until Work Completed
Kristin Andres	Until Work Completed
Ernest Eldredge	Until Work Completed
Dean W. Ervin	Until Work Completed
Thomas G. King	Until Work Completed
David Likos	Until Work Completed
George Olmsted	Until Work Completed

### SUMMER RESIDENTS ADVISORY COMMITTEE

Colette B. Traylor, Ph.D., Chairman	Term Expires 2020
Roger Allen Donald	Term Expires 2019
Katherine D. Flynn	Term Expires 2021
Jill N. MacDonald	Term Expires 2021
Katherine A. Malfa	Term Expires 2019

## Committees/Boards/Commissions

### SUMMER RESIDENTS ADVISORY COMMITTEE

Christina Dykstra Mead	Term Expires 2019
Jamie Meehan	Term Expires 2020
John O'Toole	Term Expires 2021
Philip A. Richardson	Term Expires 2020
Joel Rottner	Term Expires 2020
Michael Waters	Term Expires 2021
Steve DeBoer, Associate	Term Expires 2019
Robert Kreszwick, Associate	Term Expires 2019

### TRAFFIC SAFETY COMMITTEE

Dick Hunter	Until Work Completed
Janet C. Newton	Until Work Completed
Richard J. Stacey	Until Work Completed
Thomas Doane	Until Work Completed

### WATER & SEWER ADVISORY COMMITTEE

Larry Sampson, Chairman	
Debbie Aikman	Term Expires 2019
Charles J. Bartlett	Term Expires 2020
George Cooper	Term Expires 2021
George Cooper	Term Expires 2019

### WATERWAYS ADVISORY COMMITTEE

Richard Hosmer, Chairman	
Edward D. Conway	Term Expires 2020
David G. Davis	Term Expires 2019
John Heuther	Term Expires 2020
Samuel Lucarelli	Term Expires 2019
Andrew Meincke, Jr.	Term Expires 2019
David Oppenheim	Term Expires 2021
David Oppenheim	Term Expires 2021

### ZONING BOARD OF APPEALS

David S. Nixon, Chairman	
Joseph F. Craig	Term Expires 2019
Robert B. Hessler	Term Expires 2019
Paul Semple	Term Expires 2020
David Veach	Term Expires 2021
Dennis Sullivan, Associate	
David Thomson, Associate	Term Expires 2019
Happy Van Sickle, Associate	Term Expires 2019
	Term Expires 2019



Parker N. Chick	John B. (Jack) Hynes, Jr.	Alice B. Popkin	Michael J. Skelley
John "Jack" Cogswell	Mary I. Kolodzik	Kenneth J. Ritchie	Robert L. Walsh
Vincent E. Gulotta	Thomas R. Pennypacker, II	Jennie Cardoza Roderick	Joan Williams
Robert L. Hughes			Jean A. Young

## Board of Selectmen

2018 saw considerable activity and accomplishment at the Board of Selectmen. Board members welcomed new Selectman Peter K. Cocolis, who was elected to fill the remaining term for the seat left vacant upon the resignation of former Selectman Amanda Love. The Board also continued its overarching fiscal oversight and policy direction, in support of our established goals, to bolster the Town's services and infrastructure and to enhance the quality of life for Chatham's citizens, residents and taxpayers. The Town maintained its AAA bond rating from Standard & Poors and its enviably low tax rate among all Massachusetts municipalities. Among the particulars:

- ✓an FY19 budget that was both level-service and essentially level-funded
- ✓a \$4.85 tax rate, reduced 2 cents from the prior year
- ✓updating the Town's budget and fiscal policies
- ✓updating the Town's local alcohol regulations
- ✓OPEB: sponsoring home rule legislation for dedicated funding of the Town's liability [enacted January 2019]; OPEB Trustees adopted a more aggressive investment policy
- ✓Monomoy federal boundary dispute: ongoing efforts to further the enactment of the Town's Congressional legislation
- ✓receipt of \$2.365 Million from Harwich as their initial installment under the intermunicipal sewer agreement, and convening of the inter-town advisory committee
- ✓selection of a Town-owned site for the proposed new Senior Center; Town Meeting approval of \$100K for a feasibility study, Owners Project Manager and conceptual design
- ✓seasonal voluntary conservation measures to protect the Town's valuable water supply
- ✓review of proposed update of water consumption rates by the Water and Sewer Advisory Committee; updating the Town's irrigation regulations

- ✓a new 4-town MOU with Brewster, Harwich and Orleans for the Pleasant Bay Alliance; awarded first Watershed Permit in Massachusetts for inter-town collaboration to reduce nitrogen levels

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### *The Town maintained its AAA bond rating from Standard & Poors and its enviably low tax rate. . .*

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- ✓renewed intermunicipal agreement with Orleans to regulate access to North Beach, increasing Chatham's share of receipts from permit fees
- ✓attention to waterfront infrastructure planning for fish pier observation deck, 90 Bridge Street, 45 Bridge Street (acquisition completed), trap dock
- ✓completion of BOS input into adoption of waterways governance & mooring regulations (following six public sessions); hiring of expert law firm to assist the Town in reviewing and revising waterways bylaws, regulations and policies
- ✓ongoing monitoring of the West Chatham roadway project; state DOT contract awarded in late 2018
- ✓consideration of possible design improvements to the Route 28/Crowell Road intersection, with strong direction that any changes be scaled back to be consistent with the location's historic character
- ✓attention to issues of coastal resiliency, including nourishment of South Coastal beaches; awarded \$182K grant to study shoreline issues from Pleasant Bay to Chatham Harbor
- ✓adoption of report of the Eldredge Garage Property Planning Committee with recommendations for neighborhood-sensitive enhanced parking, a historic visitor center, and open space; successful paid valet parking experiment for 2018 summer, with free parking for Chatham residents and taxpayers
- ✓successful recommendation to Town Meeting for a \$483K landscaping and safety upgrade at the Eldredge Public Library

- ✓\$600K upgrades at Union and Seaside cemeteries
- ✓successful recommendation to Town Meeting of a prohibition against retail recreational marijuana establishments in Chatham
- ✓initiated funding for the hiring of a school resource officer for Monomoy Middle School and Chatham Elementary School
- ✓creation of Chatham 365 Task Force to attract and keep young persons and families in Chatham
- ✓affordable housing initiative with Habitat for Humanity on George Ryder Road South
- ✓increased attention to emergency preparedness planning, in light of menacingly destructive 2018 winter storms
- ✓appointed Charter Review Committee as mandated by Chatham's home rule charter
- ✓successful recommendation to Town Meeting of balloon ban/disposal bylaw
- ✓engagement of Town planning to address public safety concerns related to the increased presence of sharks and seals in Chatham's coastal waters
- ✓receipt of a safety risk assessment from the FAA relative to skydiving and parachuting operations at Chatham Municipal Airport
- ✓approval of multiple union contracts for employees as negotiated and recommended by the Town Manager

None of this would have been possible without the very talented and energetic support of both our Town Manager Jill R. Goldsmith and our Executive Secretary Shanna Nealy. Nor without the support of our capable Town employees, our dedicated volunteer committee and board members, and our deeply-engaged fellow citizens. Every success derives from the combined contribution of all participants. It continues to be our honor to serve our fellow citizens as your elected stewards.

**Respectfully submitted,  
Dean P. Nicastro, Chairman**

## Town Manager

I feel very privileged to serve as Chatham's Town Manager for 2018, my 7th year – and the 306th year of our great community! Over the course of the year I've worked diligently to keep the Town's citizenry connected to the Town's policy makers, and the services offered and performed by our very dedicated Town employees.

We continued making great progress providing 24/7 access to Town departments, on demand meeting videos, and documents via Town's website [www.chatham-ma.gov](http://www.chatham-ma.gov). This Annual Report, as well as prior years, is available on the Town Manager's web page <http://www.chatham-ma.gov/town-manager>. The Town Manager's webpage also provides links to Town Manager Monthly Reports to the Board of Selectmen (BOS).

In 2018, we established the Town Meeting link - [www.chatham-ma.gov/town-meeting](http://www.chatham-ma.gov/town-meeting) which includes posted warrants, meeting results and score-cards, explanation of Town Meeting processes/terms, and a link to the Town Manager's annual preview show on Channel 18 and YouTube.

The Town's Operating Budget and financial planning are highlighted on the Town's website in "Budget Central" - <http://www.chatham-ma.gov/budget-central>. The Town Manager Budget Message includes a look at the previous year as well as future forecasts in consideration of economic conditions, quality of life, core services, and a conscious effort to contain the Town's tax rate. The current FY2019 Town Budget (July 1, 2018-June 30, 2019) is available in Budget Central along with the proposed FY2020 Budget Book, and past Budget summaries (FY2001 to current).

### Fiscal Review Efforts

It is important to recognize substantial achievements or events that occurred following Town Meeting's acceptance of our budget philosophy and financial strategy. The FY2020 Budget Book narratives include a detailed listing of prior year (2018) accomplishments by Department.

- In FY2018 the Town's tax rate decreased by \$0.02 per thousand dollars of valuation from \$4.87 to the current rate of \$4.85 during which time the Town-wide property valuation increased by approximately 5%.
- FY2019 Town Manager's Operating Budget and Capital Plan received unanimous recommendations by the Board of Selectmen and Finance Committee. Funding allocations reflected a commitment to our youngest constituents for a School Resource Officer (SRO) at the Chatham Elementary and Monomoy Middle Schools – Harwich funds

the SRO at the Monomoy High School. Additionally, funding was increased for the Human Services budget line item for the Childcare Network Voucher Program as suggested by the Town's Economic Development Advisory Committee and recommended by the Human Services Committee.

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### *It is important to recognize substantial achievements or events that occurred following Town Meeting's acceptance of our budget philosophy and financial strategy.*

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- Commonwealth Community Compact Best Practices Commitments/Grants  
We received grant funding in the amount of \$55,000 to cover a two-year grant period (completion on or before August 2019):
- Financial Management – To develop an improved Multi-year Capital Infrastructure Projects (Five-year CIP + ATM Articles) Management Plan, Investment Strategy, and Policy – substantially completed for the period of FY2019-24;
- Human Resources – To develop a Formal Wage and Classification Plan – providing Town Officials with a tool to make compensation and staffing allocation decisions that are reasonable and consistent in all areas of Town government.
- Grants - \$690,122 in grants awards were received in August alone! Town staff, particularly in the Department of Natural Resources, worked diligently in 2018 identifying and pursuing relevant grant opportunities:

We were awarded \$182,122 from the Massachusetts Office of Coastal Zone Management through the FY2019 Coastal Resilience Grant Program. These funds will be used to study tidal, wave, and sediment transport to quantitatively evaluate inlet and tidal channel dynamics in Chatham Harbor/lower Pleasant Bay to support a detailed analysis of potential shoreline management options to sustain our east-facing shoreline over the next 20-30 years. The Seaport Economic Council granted \$150,000 for the Trap Dock Pier Design and Permitting Project. This grant provides funding for engineering and permitting work to upgrade the Town's Trap Dock Pier (former Eldredge

Pier) located at 3 Champlain Road.

The Town's application to the 2018 Navigational Dredging Pilot Program, established by the Baker-Polito Administration as part of their efforts to promote and support the economic significance and environmental vitality of the Commonwealth's navigational waterways, was approved for \$350,000 in funding. This award will go a long way towards maintenance dredging of the Stage Harbor entrance channel with the clean, beach compatible sand being used to nourish Cockle Cove and Harding's Beaches to offset significant erosion of recent years. We also received a \$15,000 grant from MA Municipal Vulnerability Preparation Grant. The Board of Selectmen had identified this as a priority and their leadership along with the community's support has allowed staff and committee volunteers to prioritize these efforts for coastal resiliency planning and supporting our local commercial fishing economy.

The Public Works Department also successfully secured a Recycling Dividends Program grant of \$9,000 through the Commonwealth's Sustainable Materials Recovery Program reflecting the Town's commitment to reducing waste and increasing recycling, especially in these difficult recycling markets.

The Council on Aging received two new COA replacement vans as a grant from the Cape Cod Regional Transportation Agency.

- **SRAC Annual Town Meeting** – The Summer Residents Advisory Committee (SRAC), appointed by the Board of Selectmen, held its annual Town Meeting on August 7, 2018. The financial presentations and scorecard results demonstrated cohesion and shared vision for financial matters by SRAC, Town officials, and our Finance Team.
- **Budget Summits** – The FY2020 Budget Summit was held on October 15, 2018. Multi-year financial forecasts and assumptions were reviewed and updated for the 2020 fiscal year and beyond, as well as an examination of financial indicators for revenues and cost controls. Participants in the Budget Summits, held annually since 2012, include the Board of Selectmen, Finance Committee, Monomoy Regional School District (MRSD) Committee/Administration, and Department Heads. In addition to fiscal prudence, discussion at the recent Summit focused on coastal resiliency efforts and ongoing beach nourishment, fiscal impact equity/justice, comprehensive

# Town Manager

capital review criteria/rating system for financial sustainability and retaining young families. The presentations from the Budget Summits can be found in Budget Central.

- **Update to the Town Budget and Financial Policies.** The last comprehensive update to the Town's policies was done in December 2012. While our policies and practices were strong, additional national Best Practices have emerged relating to Reserves and Debt Management, as well as the need to change to terms used in generally accepted accounting principles (GAAP) relating to financial statements versus accounting terminology unique to MA. Such contributes to a more competitive rating factor to retain our AAA Bond Rating from Standard and Poor's ("S&P" Global). Specifics to the policies relate to maintaining the Town's strong reserves and priorities for one-time revenues such as the Sewer Intermunicipal Agreement (IMA) funds received from the Town of Harwich.
- **Senior Tax Work-off Program** – In 2018 we embarked on Year 6 of the Senior Tax Work-off program. Twenty (20) participants worked 1180 hours and volunteered an additional 117.50 hours in twelve different departments/divisions, completing projects not achievable with regular Town staffing. The program provides senior taxpayers with property tax relief – through an opportunity to receive a tax abatement of up to \$500 annually by sharing intellectual and lifetime experiences. The program is flourishing, and many projects were undertaken utilizing our Chatham talent – the value of which far exceeds the Town investment.
- **Annual Setting of the Board of Selectmen (BOS) Goals** – BOS goals, with implementation objectives for the Town Manager, is an important component to the budget process. Annually, following the Fall Budget Summit, the BOS embarks on a collaborative approach to communicate its mission, directives, and resultant goals. We initiated the same process in November, which provided funding priorities and continued the theme of fiscal responsibility and infrastructure planning.

## Water Treatment Project

Protecting and preserving our excellent public water supply is an essential and long-standing priority of the Town. In 2018 construction was completed on the water treatment plant (WTP) which removes excessive Iron and Manganese and allows full use of wells 6, 7, and 9. Together these wells, at full capacity, can produce approximately 3 million gallons per day.

## Waterfront Infrastructure Projects

Investment in waterfront infrastructure continues to be central tenet in Chatham. Support for this was demonstrated at the 2017 Annual Town Meeting (ATM) which approved a ballot bond question for \$11.3M to fund multiple waterfronts projects over the next several years. This Bond will fund projects at the Fish Pier, Ryder's Cove, 90 Bridge St., Trap Dock (former Eldredge Pier), Old Mill Boatyard (OMBY), Little Mill Pond, and Crows Pond. Funding will be supplemented with outside grants and funds from the newly created Waterways User Fee (WUF) Revolving Fund. Master planning of projects is underway, and projects will be presented to the Board of Selectmen (BOS) for approval to move forward.

## Wastewater/Sewer Project

Progress continues multi-year, multi-contract Phase 1C, funded at the 2013 and 2014 Annual Town Meetings. Phase 1C targets restoration of Oyster Pond and Little Mill Pond, water bodies highly impacted by excessive nutrients. Additional benefits will result as improved water quality in Oyster Pond and Little Mill Pond propagates throughout the Stage Harbor System.

Construction contract 1C-2 was completed in fall 2018. Once As-built Drawings and certifications are received from the Engineer the new system will be available for property owners to connect to. It is anticipated the Board of Health will begin issuing connection Orders in early 2019. This Contract received a 0% interest loan from the State Revolving Fund (SRF).

In October 2018 the Board of Selectmen took utility easements on a further 21 private roads in Phase 1C-3/4 allowing for sewer (and water/drainage, as needed) installation. These easements are for the road layout only, easements do not extend onto individual properties, and the easements do not change road ownership from private to public. Contract 1C-3/4 engineering plans were submitted to MassDEP in fall 2018 and approval to bid the work is expected in early 2019 with construction possibly commencing in spring 2019.

Progress continued on the Chatham-Harwich Interconnection Project, whereby wastewater collected from the East Harwich area will be transported to the Chatham wastewater treatment facility for treatment and recharge. The parameters for this project were agreed upon in the Intermunicipal Agreement signed in 2017. Both towns advanced engineering plans to MassDEP in fall 2018 with approval to bid expected

in early 2019. Both towns received DEP approval for 0% loan funding through the SRF. The Chatham portion, Phased 1D-1, involves installation of sewers along Meetinghouse Road (Route 137) from the Chatham-Harwich line to Middle Road, Middle Road to the back entrance of the treatment plant, and along Old Queen Anne Road from the Chatham-Harwich line to the headwaters of Muddy Creek. Construction is expected to start in 2019.

In August 2018 MassDEP issued the State's first Watershed Permit to the towns of the Pleasant Bay Alliance (Chatham, Harwich, Brewster and Orleans). This Permit lays out steps the towns will take over the next 20 years to mitigate/manage nitrogen, primarily from septic systems, that adversely impacts water quality in Pleasant Bay. The Permit builds upon, and codifies, work done by the individual towns in their own comprehensive wastewater planning, and the Pleasant Bay Watershed Composite Nitrogen Management Analysis completed in 2017. Further recognition of this milestone event occurred when USEPA awarded the towns a 2018 Environmental Merit Award. In 2018, Chatham was recognized for regional solutions to water quality in partnership with the Pleasant Bay Alliance by the MA Municipal Association (MMA) - 2018 Kenneth E. Pickard Memorial Innovation Award for the Pleasant Bay Watershed Permit Implementation Project for Nutrient Removal.

## Renewable Energy and Electric Vehicles (EV)

Our four (4) renewable solar energy photovoltaic [PV] installations, fully operational since 2014, continue to be the cornerstone of the Town's movement towards generating 100% of the electrical energy consumed at municipal facilities. These systems at the capped landfill, Water Pollution Control Facility, Police Department, and Town Offices Annex generated over 2,160,000 kWh in FY 2018. This total PV system performance realized generation of 77% of total energy demand at municipal facilities in FY 2018 with net benefits from the PV projects of \$167,690 and is on target to meet the projection of over \$3.6 million in cumulative financial benefit by the end of the power purchase agreements. A fifth roof mounted PV system was installed as part of the new Water Treatment Plant and became operational in July 2018. PV installation at the Fire Station is targeted for 2019.

The Town's participation in the Cape Light

## Town Manager

Compact's (CLC's) municipal power supply program resulted in a set rate for electric charges of 9.651 cents per kWh for the period July 2019 through July 2021 meter reads. This new rate is well below the 15.00 cents per kWh announced by Eversource, effective January 2019.

To integrate energy efficient options to help reduce the Town's carbon footprint, four (4) plug-in hybrid Electric Vehicles were acquired via leases and put into service, one as a Town "pool" vehicle available to all Departments, one for the Natural Resources Department, one for Building inspections, and one for the School Resource Officer. Other efforts will be considered for a potential Green Communities Designation.

### Personnel/Staffing

In 2018, Chatham saw the passing of two employees, John Kendrick and Vince Gulotta. Their departure is mourned, and our hearts go out to their families and loved ones.

In addition, we had 3 employees retire from active employment, after long and exemplary careers:

- John Cauble, Deputy Police Chief; after 37 years of service to the Town
- David Constant, Parks Grounds Keeper; after 25 years of service to the Town
- Irene Gillies, Director of the Eldredge Public Library; after 23 years with the Library

We extend our deep gratitude to these employees who have served the Town with extraordinary loyalty and devotion.

**Promotions** – Deputy Police Chief Cauble's retirement was followed by the internal promotions within the Police Department - Lieutenant Michael Anderson as Deputy Police Chief and Sergeant Andrew Goddard as Police Lieutenant. This year also saw the funding of the Town's first full-time School Resource Officer, Sergeant William Massey. Other promotional activity included the promotion of Ron Friend to Parks/Recreation Foreman.

Succession planning remains an ongoing priority as more than 47% of our employees have longevity ranging from 11 to 40 years

of service. Human Resources conducted hiring/placement process for 21 full-time, 3 part-time and 120 seasonal positions within the past 12 months. Hiring resulted in the following 16 employees filling year-round vacancies in late 2017 and 2018 in the following order:

- Joseph Bono, Fire Fighter/Paramedic
- David Lusher, Equipment Operator, Transfer Station Division
- Deborah Mayhew, Secretary, COA
- Richard Corres, Equipment Operator, Highway Division
- Christopher Siepietowski, Laborer, Parks Division
- Mark von Bork, Assistant Media Coordinator, Channel 18
- Andrew Davol, Laborer, Parks Division
- Brettan Johnson, Fire Fighter/Paramedic
- Gregory Naylor, Police Officer
- Caroline (Cally) Harper, Conservation Agent
- Richard Flores, Local Building Inspector
- John Kondratowicz, Emergency Management Manager
- Tom Redmond, Community Center Building Supervisor
- Jacqueline Hodgdon, Accounting Clerk/Staff Assistant
- Chantel Kilkenny, Secretary, Community Development
- Jessica Carran, Police Dispatcher

In addition to our paid staff, we had one Monomoy School volunteer intern and two MA Maritime Academy (MMA) interns for Emergency Management and Harbormaster Divisions.

A full listing of all the Town's paid staff, including part-time, seasonal and intermittent employees, as well as their annual compensation for 2018, is contained in the Financial Reports within this Annual Report.

I continue to represent Chatham and the municipal management profession on Statewide Committees:

- Joint Labor-Management Committee (JLMC) for Municipal Police and Fire-Management Chairman since 2009
- MA Municipal Managers Association (MMA) Subcommittee-Chairman for Managers/Police Chiefs Committee and founding member of Women Leading Government
- MA Shellfish Initiative (MSI) Taskforce 1-Governor appointment as a Town Manager Stakeholder Representative

In 2018, I received recertification by the International City/County Management Association (ICMA) as a Credentialed City/Town Manager.

### Final Notes

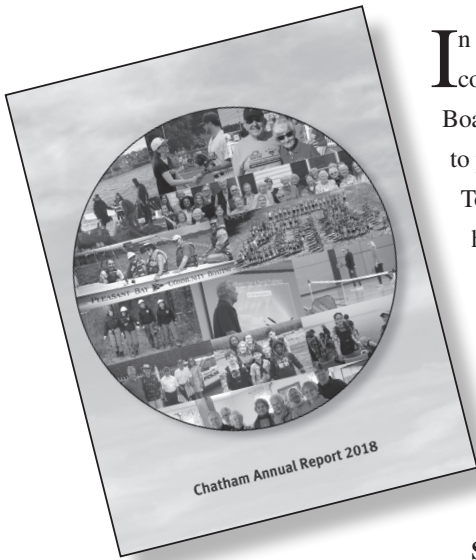
As we look back on the year, it is important to acknowledge the many dedicated and hardworking Town employees who strive to maintain the Town's unique culture, traditions, and excellent customer service. Their creative approach to problem-solving and operational improvements enabled us to implement new technologies, new programs, and new processes to refine and enhance our operations and delivery of critical services to the community.

As you read the Town Reports, please also take note of the extraordinary number of volunteers who chip-in and provide both leadership and support assistance to a vast number of functions, services and events that make and keep Chatham the wonderful community that it is.

We are here to serve you 24/7 and welcome your input on how we can serve you better.

**Respectfully submitted,**  
**Jill R. Goldsmith, Town Manager**

## About the Cover



In 2018 a great deal of attention was paid to topics surrounding the overall make-up of our community. Recognizing the perceptions of imbalance between various segments, the Board of Selectmen engaged with committee & community members to develop strategies to proactively address these matters. Through discussions on how to keep young families in Town, meet the needs of our seniors, and create a self-sustaining economy, new voices were heard and Chatham was strengthened by everyone's involvement.

The men and women who make up your local government, whether professional staff or volunteers, play an important role in facilitating those sometimes difficult conversations and work daily to create a community in which all members are included and valued for their contributions. The cover of this Annual Report seeks to capture the role Town government plays in building a balanced, inclusive community for everyone that calls Chatham home.

**Supporting Local Non-Profits.** Through the Town's Human Services Committee and numerous individuals' personal commitment, over 25 local non-profits receive financial and volunteer support from the Town and its staff. We recognize that by joining with others who support the important work of these organizations, we can maximize their effectiveness in our community.

**Conserving Open Spaces.** We are committed to protecting our natural environment and through a combination of direct acquisition, partnering with the Chatham Conservation Foundation, and gift acceptance the Town owns and maintains over 2,000 acres of open conservation land.

**Honoring our Heritage.** Recent investments in waterfront infrastructure support the current fishing industry and collaborative programs with the Monomoy Regional School District, and other educational organizations which allow the next generation to learn about the Town's fishing heritage and traditions.

**Balancing the needs of our summer and year-round residents.** Everyone who owns a home in Chatham does so because they love this Town. Meeting the needs of all homeowners, whether they reside here year-round or part-time, is a challenge the Town welcomes. Each year staffing and programming levels are evaluated to ensure that we can provide excellent public service during the peak summer season and during the quieter times of the year.

**Creating social & recreational opportunities for all ages.** The Community Center has become a vital resource for our younger residents offering year-round and summer athletic programs, the growing Positive Afterschool Recreation for Kids (PARK), and whole family events. It is also the place to be for active adults who utilize the fitness room and can't get enough pickleball! The Council on Aging provides our older residents with an extensive array of cultural, educational, social, health & fitness programs in addition to offering outreach and referral services.

**Finding solutions.** The Town's staff and dedicated volunteer committee members bring their professional and personal knowledge together to find solutions to the issues that face our unique and beautiful coastal community.

To achieve the goal of "One" Town our decision-making process moving into 2019 and beyond will consider impacts on all segments, ensuring that policies and programs work for the whole community.

## **CHATHAM ANNUAL REPORT 2018**

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### **Annual Financial Reports and Town Employees Annual Wages**

# Finance Department

In accordance with the provisions of Chapter 41 §61 of the Massachusetts General Laws, I hereby submit a report for the receipts and expenditures for the Town of Chatham for the Fiscal Year ending June 30, 2018 unless otherwise stated. Also included is a balance sheet and miscellaneous financial reports.

Respectfully submitted,  
Alexandra Heilala, Finance Director

## Town of Chatham – Combined Balance Sheet – All Fund Types Account Groups – June 30, 2018

	Governmental Fund Types				Fiduciary Fund Types	Account Group	Totals
	General Fund	Special Revenue Funds	Capital Project Funds	Enterprise Funds	Trust and Agency Funds	Long-Term Obligation Accounts	(Memorandum Only)
<b>ASSETS</b>							
Cash and cash equivalents	\$ 16,524,984	\$ 11,115,167	\$ (6,073,336)	\$ 274,865	\$ 5,030,111		26,871,791
Investments					36,016		36,016
Property taxes receivable	(69,959)	29,604					(40,355)
Other receivables: Notes			20,777,810				20,777,810
Motor vehicle and boat excise	314,191						314,191
Water, sewer rates and sp. assessments		255,343					255,343
Tax liens	417,274						417,274
Intergovernmental	3,206,690						3,206,690
Tax foreclosures	36,543						36,543
Deferred property taxes	1,891						1,891
Apportioned leases	448,783	1,614,156					2,062,938
Departmental and other receivables	373,738				-		373,738
Due from other gov. in future years:							
School building assistance	261,524						261,524
Principal and interest subsidies							-
To be provided in future years for:							
Retirement of lease payable						72,674,906	72,674,906
Retirement of bonds						48,936,053	48,936,053
Total Assets	<u>\$ 21,515,657</u>	<u>\$ 13,014,270</u>	<u>\$ 14,704,474</u>	<u>\$ 274,865</u>	<u>\$ 5,066,127</u>	<u>\$ 121,610,959</u>	<u>\$ 176,186,352</u>
<b>LIABILITIES AND FUND EQUITIES</b>							
Liabilities:							
Warrants payable	\$ 1,893,032	\$134,804	\$ 86,213	\$ -	\$ 3,017		\$ 2,117,066
Amounts withheld from employees	64,092						64,092
Abandoned and Unclaimed Property	96,239						96,239
Other agency payables					684,956		684,956
Provision for tax refunds							-
Due to general fund		(361)					(361)
Lease payable							-
Bonds and notes payable			3,863,200			72,674,906	76,538,106
Loans authorized and unissued			20,777,810			48,936,053	69,713,863
Deferred revenue	<u>4,953,828</u>	<u>1,899,499</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>6,853,327</u>
Total liabilities	7,007,192	2,033,942	24,727,223	0	687,972	121,610,959	156,067,288
Fund balances:							
Non-expendable trust funds					645,332		645,332
Reserve for Debt Exclusion Premium	1,046,972						1,046,972
Reserved for encumbrances and continued appropriations	4,509,941	2,883,244					7,393,185
Reserved for expenditure	2,188,195	1,915,000	-10,022,749				-5,919,554
Reserve for Overlay Deficit							0
Reserve for Snow & Ice Deficit	0						0
Unreserved	<u>6,763,358</u>	<u>6,182,083</u>	<u>0</u>	<u>274,865</u>	<u>3,732,823</u>		<u>16,953,129</u>
Total fund balance	<u>14,508,466</u>	<u>10,980,328</u>	<u>-10,022,749</u>	<u>274,865</u>	<u>4,378,154</u>	<u>-</u>	<u>20,119,064</u>
Total liabilities and fund balance	<u>\$ 21,515,657</u>	<u>\$ 13,014,270</u>	<u>\$ 14,704,474</u>	<u>\$ 274,865</u>	<u>\$ 5,066,127</u>	<u>\$ 121,610,959</u>	<u>\$ 176,186,352</u>

# Town of Chatham – Balance Sheet June 30, 2018 – General Fund

ASSETS		
Cash		16,524,984.12
2009 & Prior Personal Property	105,486.33	
2010 Personal Property	843.49	
2011 Personal Property	1,184.74	
2012 Personal Property	1,459.11	
2013 Personal Property	1,527.20	
2014 Personal Property	2,410.60	
2015 Personal Property	2,921.50	
2016 Personal Property	2,206.85	
2017 Personal Property	2,562.07	
2018 Personal Property	<u>3,318.42</u>	
		123,920.31
2009 & Prior Real Estate Taxes Receivable	7,271.93	
2010 Real Estate Taxes Receivable	(2,840.05)	
2011 Real Estate Taxes Receivable	1,472.32	
2012 Real Estate Taxes Receivable	(1,464.15)	
2013 Real Estate Taxes Receivable	(1,175.22)	
2014 Real Estate Taxes Receivable	3,883.61	
2015 Real Estate Taxes Receivable	(2,888.64)	
2016 Real Estate Taxes Receivable	9,147.43	
2017 Real Estate Taxes Receivable	24,632.01	
2018 Real Estate Taxes Receivable	<u>424,299.80</u>	
		462,339.04
Deferred Real Estate Taxes Receivable		1,890.86
Tax Liens	361,807.57	
Septic Betterment Liens	-	
Sewer Rate Liens	988.85	
Water Betterment Liens Receivable	29,558.20	
Land Bank Tax Liens Receivable	8,087.79	
Water Bill Liens Receivable	10,618.29	
CPA Liens Receivable	<u>6,213.54</u>	
		417,274.24
2009 & Prior Motor Vehicle Taxes Receivable	94,315.19	
2010 Motor Vehicle Taxes Receivable	2,996.92	
2011 Motor Vehicle Taxes Receivable	4,474.27	
2012 Motor Vehicle Taxes Receivable	2,660.86	
2013 Motor Vehicle Taxes Receivable	4,032.73	
2014 Motor Vehicle Taxes Receivable	4,997.70	
2015 Motor Vehicle Taxes Receivable	4,694.24	
2016 Motor Vehicle Taxes Receivable	5,534.86	
2017 Motor Vehicle Taxes Receivable	14,014.73	
2018 Motor Vehicle Taxes Receivable	<u>56,261.14</u>	
		193,982.64
2009 & Prior Boat Excise Taxes Receivable	69,191.06	
2010 Boat Excise Taxes Receivable	2,811.50	
2011 Boat Excise Taxes Receivable	2,239.75	
2012 Boat Excise Taxes Receivable	2,427.49	
2013 Boat Excise Taxes Receivable	2,969.54	
2014 Boat Excise Taxes Receivable	4,561.10	
2015 Boat Excise Taxes Receivable	6,201.03	
2016 Boat Excise Taxes Receivable	6,305.36	
2017 Boat Excise Taxes Receivable	7,136.08	
2018 Boat Excise Taxes Receivable	<u>16,365.04</u>	
		120,207.95
2009 & Prior Provisions for Abatements	(107,061.34)	
2010 Provisions for Abatements	1,845.99	
2011 Provisions for Abatements	(20,477.61)	
2012 Provisions for Abatements	(22,842.87)	
2013 Provisions for Abatements	(32,749.03)	
2014 Provisions for Abatements	(39,640.16)	
2015 Provisions for Abatements	(65,586.65)	
2016 Provisions for Abatements	(98,078.56)	
2017 Provisions for Abatements	(145,463.28)	
2018 Provisions for Abatements	<u>(126,165.31)</u>	
		(656,218.82)
Due from State		3,468,214.03
Septage Accounts Receivable	(25,180.93)	
Sewer Rate Liens	(7,226.00)	
Sewer Rate Lien Interest	5,157.45	
2010 Sewer Miscellaneous Receivable	61.31	
2010 Sewer Rates Receivable	(440.00)	
2011 Sewer Miscellaneous Receivable	300.00	
2011 Sewer Rates Receivable	575.12	
2012 Sewer Rates Receivable	396.56	
2013 Sewer Rates Receivable	1,570.75	
2014 Sewer Miscellaneous Receivable	(26,388.81)	
2014 Sewer Rates Receivable	29,401.10	
2015 Sewer Rates Receivable	(2,862.98)	
2015 Sewer Miscellaneous Receivable	(75.40)	
2016 Sewer Rates Receivable	4,534.15	
2016 Sewer Miscellaneous Receivable	225.40	
2017 Sewer Rates Receivable	11,159.92	
2017 Sewer Miscellaneous Receivable	450.00	
2018 Sewer Rates Receivable	42,753.99	
2018 Sewer Miscellaneous Receivable	<u>1,788.10</u>	
		36,199.73
Airport Accounts Receivable	-	
Ambulance Receivable	266,579.17	
Beach Concessions	9,500.00	
Coast Guard Lease	8,040.00	
Landfill Accounts Receivable	14,076.73	
Parking Clerk	<u>25,950.00</u>	
		324,145.90

# Town of Chatham – Balance Sheet June 30, 2018 – General Fund

Tax Possessions		36,542.59
Street Betterments	220,431.63	
Street Committed Interest	<u>35,334.14</u>	
		255,765.77
Apportioned Street Assessments 2019	19,452.82	
Apportioned Street Assessments 2020	18,281.19	
Apportioned Street Assessments 2021	17,892.19	
Apportioned Street Assessments 2022	13,905.05	
Apportioned Street Assessments 2023	13,905.05	
Apportioned Street Assessments 2024	13,205.05	
Apportioned Street Assessments 2025	13,205.24	
Apportioned Street Assessments 2026	12,330.07	
Apportioned Street Assessments 2027	12,330.07	
Apportioned Street Assessments 2028	12,330.07	
Apportioned Street Assessments 2029	12,330.07	
Apportioned Street Assessments 2030	3,071.88	
Apportioned Street Assessments 2031	3,071.88	
Apportioned Street Assessments 2032	3,071.88	
Apportioned Street Assessments 2033	3,071.88	
		171,454.39
Water Betterments	13,181.10	
Water Committed Interest	<u>210.87</u>	
		13,391.97
Apportioned Water Betterments 2012	-	
Apportioned Water Betterments 2013		
Apportioned Water Betterments 2014	11,863.96	
		11,863.96
Septic Betterments	4,099.95	
Septic Committed Interest	<u>323.44</u>	
		4,423.39
Apportioned Septic Assessment 2018	-	
Apportioned Septic Assessment 2019	1,172.24	
Apportioned Septic Assessment 2020	1,487.22	
Apportioned Septic Assessment 2021	1,508.24	
Apportioned Septic Assessment 2022	553.74	
Apportioned Septic Assessment 2023	553.74	
		<u>5,275.18</u>
Total Assets		<u>21,515,657.25</u>
LIABILITIES & FUND EQUITIES		
Liabilities:		
Warrants Payable	1,893,032.02	-
Barnstable County Retirement Payable	(2.14)	
Group Insurance Payable	64,110.94	
FICA Payable	1.68	
Union dues	(20.00)	
Deferred Compensation	1.84	
Abandoned & Unclaimed Property	<u>96,239.43</u>	
		2,053,363.77
Deferred Revenue:		
Deferred Revenue Real & Personal Property Tax	(70,392.82)	
Deferred Revenue Tax Liens	361,761.46	
Deferred Revenue Land Bank	120.17	
Deferred Revenue Due from State	3,468,214.03	
Deferred Revenue Tax Foreclosures	-	
Deferred Revenue Land Bank Tax Liens	8,087.79	
Deferred Revenue Water Betterment Liens	29,558.20	
Deferred Revenue Motor Vehicle Excise	193,982.64	
Deferred Revenue Boats, Ships & Vessels Excise	120,207.95	
Deferred Revenue Septic Betterment Liens	3,900.78	
Deferred Revenue Sewer Usage	36,199.73	
Deferred Revenue Sewer Bill Liens	1,154.44	
Deferred Revenue Departmental	324,145.90	
Deferred Revenue Street	1,654.60	
Deferred Revenue Street Betterments	260,317.37	
Deferred Revenue Water Betterments	13,391.97	
Deferred Revenue Deferred Real Estate Taxes	1,947.42	
Deferred Revenue Apportioned Street Betterments	165,248.19	
Deferred Revenue Apportioned Water Betterments	11,863.96	
Deferred Revenue Apportioned Septic Betterments	5,632.20	
Deferred Revenue Septic Assessments	-	
Deferred Revenue Water Bill Liens	10,618.29	
Deferred Revenue CPA Liens	<u>6,213.54</u>	
		<u>4,953,827.81</u>
Total Liabilities		7,007,191.58
General Fund Equities:		
Reserve for Encumbrances		4,509,940.75
Reserve for Expenditures		2,155,142.00
Reserve for Cont. Appropriations		33,053.00
Reserve for Snow & Ice Deficit		-
Reserve for Overlay		-
Reserve for Debt Exclusion Premium		1,046,972.20
Unreserved Fund Equity		6,763,357.72
Fund Equity Actual		-
Total Fund Equity		<u>14,508,465.67</u>
Total Liabilities & Fund Equities		<u>21,515,657.25</u>
		21,515,657.25

# Town of Chatham – 2018 General Fund Appropriations and Expenditure Ledger

Account	Total ATM and encumbered	Reserve Fund	Salary Adjustments	Budget Adjustments	Appropriation Balance	Expenditures	Interfund Transfers	Budget Ending	Closed to Revenue	Balance Encumbered
<b>Moderator:</b>										
Salaries	600.00				600.00	600.00		-		-
Expenses	50.00				50.00	20.00		30.00	30.00	-
<b>Selectmen:</b>										
Salaries	10,500.00				-			-		-
Expenses	1,000.00				10,500.00	9,750.00		750.00	750.00	0.00
Art 9/96 - Lighthouse Overlook	2,939.64			(2,939.64)	1,000.00	710.48		289.52	289.52	0.00
Art 4, STM 11/00 - I-Net Construction	9,283.00			(9,283.00)	-			-		-
<b>Town Manager:</b>										
Salaries	240,368.00				-			-		-
Expenses	164,200.00				240,368.00	239,749.80	372.92	245.28	245.28	0.00
Prior Year Encumbrances	-				164,200.00	161,432.99	(372.92)	3,139.93	-	3,139.93
Art 14, ATM 5/02 - Bike Path	21,998.70				-			-		-
Art ATM 5/06 Wastewater Facility	4,197.00				21,998.70			21,998.70		21,998.70
Art 11 Stabilization Transfer-Trailers	35,884.00				4,197.00			4,197.00		4,197.00
Art 14 5/10 Stabilization Tr-Dredging/Shellfish	27,456.92				35,884.00			35,884.00		35,884.00
Art 16 5/13 CMEA Settlement	58,711.08				27,456.92	7,515.07		19,941.85		19,941.85
Art 1 STM 9/15/14 Monomoy CCP Response	123,747.09				58,711.08			58,711.08		58,711.08
Art 4 STM 1/18 Eldredge Garage Property	25,000.00				123,747.09	71,994.31		51,752.78		51,752.78
Art 6 ATM 5/04 Forest Assessment & Management	3,900.00			(3,900.00)	25,000.00	7,072.71		17,927.29		17,927.29
Art 6 ATM 5/04 ADA Compliance	15,028.00				-			-		-
Art 6, ATM 5/05 - Land Bank Appraisal Costs	466.31			(466.31)	15,028.00			15,028.00		15,028.00
Art 9 ATM 5/07 Main St Municipal Parking Lot	3,669.36				-			-		-
Art 34 ATM 5/14 Bridge Street Acquisition	4,550.40				3,669.36			3,669.36		3,669.36
Art 22 ATM 5/16 - Eldredge Pier Acquisition	205,000.00				4,550.40			4,550.40		4,550.40
Prior Year Bills -	38,272.14				205,000.00	24,957.50		180,042.50		180,042.50
<b>Parking Clerk:</b>										
Salaries	6,000.00				-	37,875.18		396.96	396.96	(0.00)
Expenses	500.00				6,000.00			-		-
Prior Year Encumbrances	-			1,250.00	1,750.00	1,701.38		48.62	48.62	(0.00)
<b>Personnel Services:</b>										
Salaries & Wages	94,313.00				-			-		-
Expenses	14,900.00				94,313.00	88,808.35	4,644.90	859.75	859.75	(0.00)
Prior Year Encumbrances	-				14,900.00	19,544.90	(4,644.90)	-		-
Salary Adjustment Account	240,526.34				-			-		-
<b>Finance Committee:</b>										
Salaries	2,000.00				240,526.34			240,526.34		240,526.34
Expenses	600.00				-			-		-
Prior Year Encumbrances	-				2,000.00	554.99		1,445.01	1,445.01	-
Finance Department:					600.00	220.00		380.00	380.00	-
Salaries	629,054.00				-			-		-
Expenses	119,925.00				629,054.00	624,441.03		4,612.97	4,612.97	(0.00)
Prior Year Encumbrances	22,600.00				119,925.00	72,371.71	1,500.00	46,053.29	45,666.88	386.41
Art 6 ATM 5/04 Business Machines	12,200.67			(12,200.67)	22,600.00	500.80		22,099.20	22,099.20	-
<b>Information Systems:</b>										
Salaries	299,072.00				-			-		-
Expenses	141,250.00				299,072.00	279,351.11	19,436.06	284.83	284.83	0.00
Prior year encumbrances	1,407.76				141,250.00	154,670.09	(13,500.07)	79.98	0.20	79.78
Art 11, Annual - land mgt, assessment & GIS	74,133.36				1,407.76			-		-
Art 11, ATM 5/16 - Fiber Optic Upgrade	23,455.29				74,133.36	5,126.78		69,006.58		69,006.58
Art 13, ATM 5/15 - Server Upgrade	44,846.30				23,455.29			23,455.29		23,455.29
Annual - Channel 18 Equipment	10,682.94				44,846.30	4,702.29		40,144.01		40,144.01
MIS Channel 18 capital	35,746.09				10,682.94	12,096.76	(1,413.82)	0.00		0.00
Art 11, Annual Hardware Replacement & upgrade	-				-			-		-
<b>Audit:</b>										
Expenses	38,000.00				35,746.09	5,574.67		30,171.42		30,171.42
Prior year encumbrances	20,300.00				-			-		-
					38,000.00	39,500.00	(1,500.00)	0.00		-
					20,300.00	7,300.00		13,000.00	13,000.00	-

# Town of Chatham – 2018 General Fund Appropriations and Expenditure Ledger

Account	Total ATM and encumbered	Reserve Fund	Salary Adjustments	Budget Adjustments	Appropriation Balance	Expenditures	Interfund Transfers	Budget Ending	Closed to Revenue	Balance Encumbered
<b>Law Department:</b>										
Expenses	-			63,000.00	188,000.00	192,522.17	(4,522.17)	(0.00)	(0.00)	(0.00)
Prior Year Encumbrances	125,000.00				-			0.00		-
<b>Town Clerk:</b>										
Salaries	-				136,440.00	135,271.45		1,168.55	1,168.55	(0.00)
Expenses	13,565.00				13,565.00	10,241.94		3,323.06	3,323.06	-
Art 9 ATM 05/08 New Voting Machines	8,500.00				8,500.00			8,500.00		8,500.00
<b>Elections &amp; Registrations:</b>										
Salaries	-				1,275.00	475.00		800.00	800.00	-
Expenses	33,210.00				33,210.00	16,007.13		17,202.87	17,202.87	-
Prior Year Encumbrances	780.91				780.91	780.91		0.00		0.00
<b>Permit Office</b>										
Salaries	-				-			-		-
Expenses	40,350.00				40,350.00	34,459.23		5,890.77	5,890.77	-
Prior Year Encumbrances	3,900.00				3,900.00	3,026.97		873.03	873.03	-
<b>Non-Voting Taxpayer Advisory Committee:</b>										
Expenses	-				-			0.00		-
<b>Engineering:</b>										
Annual C&E	2,300.00				2,300.00	2,199.00		101.00	101.00	-
<b>Total General Government</b>	<b>\$ 3,475,133.42</b>		<b>\$ -</b>	<b>\$ 35,460.38</b>	<b>\$ 3,510,593.80</b>	<b>\$ 2,326,854.87</b>	<b>\$ -</b>	<b>\$ 1,183,738.93</b>		235,157.71
<b>Insurance:</b>										
Watercraft Insurance	18,000.00				18,000.00	18,535.00		(535.00)	(535.00)	-
Fleet - Motor Vehicle Insurance	57,750.00				57,750.00	63,442.00		(5,692.00)	(5,692.00)	-
Mooring Insurance	1,775.00				1,775.00	18,547.12		(16,772.12)	(16,772.12)	-
Flood Insurance	15,000.00				15,000.00	7,973.00		7,027.00	7,027.00	-
Public Officials Liability Insurance	19,100.00				19,100.00	25,909.00		(6,809.00)	(6,809.00)	-
General Liability & Building Insurance	449,500.00				449,500.00	341,467.29		108,032.71	108,032.71	-
Uninsured Damages	15,000.00				15,000.00	86,536.00		(71,536.00)	(71,536.00)	-
Prior Year Encumbrances	-				-			-		-
<b>Reserve Fund:</b>										
Expenses	100,000.00	(100,000.00)			-			-		-
<b>Total Undistributed Insurance and Reserve</b>	<b>676,125.00</b>	<b>(100,000.00)</b>	<b>-</b>	<b>-</b>	<b>576,125.00</b>	<b>562,409.41</b>	<b>-</b>	<b>13,715.59</b>		-
<b>Police Department:</b>										
Salaries	2,498,418.00			32,000.00	2,530,418.00	2,532,412.75	(1,994.75)	-	-	-
Expenses	174,096.00				174,096.00	136,640.96	1,994.75	35,460.29	35,460.29	-
Prior Year Encumbrances	-				-			-		-
Accident Recons Equip	2,010.65				2,010.65	476.43		1,534.22		1,534.22
Annual Cruiser Replacement	94,797.33				94,797.33	68,427.46		26,369.87		26,369.87
Art 9 5/16 - Mountain Bikes	1,140.06				1,140.06	369.97		770.09		770.09
Art 11 5/17 Video & Recording System	35,000.00				35,000.00	33,715.29		1,284.71		1,284.71
Art 9, 5/14 - Unmarked Vehicle	-				-			-		-
Art 11 5/16 - Upgrade 911 Radio System	72,000.00				72,000.00	11,915.58		60,084.42		60,084.42
Art 11 5/16 SUV Replacement	907.02				907.02			907.02		907.02
Art 9 5/13 & 5/15 Cruiser Radios	37,344.50				37,344.50	30,158.56		7,185.94		7,185.94
Art 11 5/17 Mobile - Laptops/tablets	34,000.00				34,000.00	33,936.00		64.00		64.00
Art 11 5/16 ATV Trailer	6,250.00				6,250.00			6,250.00		6,250.00
<b>Animal Control:</b>										
Salaries	46,066.00				46,066.00	45,276.62		789.38	789.38	(0.00)
Expenses	1,900.00				1,900.00	584.65		1,315.35	1,315.35	-
Prior Year Encumbrances	-				-			-		-
<b>Emergency Management:</b>										
Salaries	2,500.00				2,500.00			2,500.00	2,500.00	-
Expenses	6,600.00				6,600.00	4,849.56		1,750.44	1,750.44	-
Art 9 5/14 Generators	181,186.59				181,186.59			181,186.59		181,186.59
Annual - Emergency Management brochures	2,969.32				2,969.32			2,969.32		2,969.32

# Town of Chatham – 2018 General Fund Appropriations and Expenditure Ledger

Account	Total ATM and encumbered	Reserve Fund	Salary Adjustments	Budget Adjustments	Appropriation Balance	Expenditures	Interfund Transfers	Budget Ending	Closed to Revenue	Balance Encumbered
<b>Fire Department:</b>										
Salaries	2,996,634.00	-		33,000.00	3,029,634.00	3,028,969.81		664.19	664.19	(0.00)
Expenses	456,180.00	-			456,180.00	451,874.20		4,305.80	4,305.80	(0.00)
Prior Year Encumbrances	-	-			-	-		-	-	-
Extrication Equipment (Jaws-of-Life)	35,000.00				35,000.00	32,104.00		2,896.00		2,896.00
Ambulance / Rescue	248,936.06				248,936.06	248,936.05		0.01	0.01	0.00
Radio Equipment	5,000.00				5,000.00	352.50		4,647.50		4,647.50
Art 9 5/14 Staff Vehicle	35,000.00				35,000.00	34,940.76		59.24	59.24	(0.00)
Art 13 5/15 Stretcher/Stair Chair	19,395.80				19,395.80	2,698.95		16,696.85		16,696.85
Art 10 5/10 Upgrade Breathing apparatus	999.23				999.23	999.23		-	-	-
FY2016 Transfer - Pumper Matching Funds	3,421.39				3,421.39			3,421.39	3,421.39	-
Annual - Protective Clothing/Forestry Clothing	16,904.72				16,904.72	16,600.00		304.72	304.72	0.00
Art 11, 5/17 IV Pumps	30,000.00				30,000.00			30,000.00		30,000.00
<b>Cape &amp; Islands EMS:</b>										
Expenses	5,493.00				5,493.00	5,492.15		0.85	0.85	0.00
<b>Oil Pollution Control:</b>										
Expenses	1,030.00				1,030.00	91.50		938.50		-
Oil Pollution Control Trailer	18,000.00				18,000.00	18,000.00		-		-
<b>Public Safety Total</b>	<b>\$ 7,069,179.67</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 65,000.00</b>	<b>\$ 7,134,179.67</b>	<b>\$ 6,739,822.98</b>	<b>\$ -</b>	<b>\$ 394,356.69</b>		
<b>Community Development:</b>										
Salaries	660,927.00				660,927.00	608,987.07		51,939.93	51,939.93	-
Expenses	80,500.00				80,500.00	38,224.18		42,275.82	41,255.44	1,020.38
Prior Year Encumbrances	-				-	-		-	-	-
Art 10 5/10 GPS Data Collection Device	1,855.33				1,855.33			1,855.33		1,855.33
Art 8 5/00 - Ryder's Cove Parking Facility	3,510.07				3,510.07			3,510.07		3,510.07
Art 8, 5/98 Develop Design Guidelines	2,550.00				2,550.00			2,550.00		2,550.00
Art 7, 5/01 - Comp Zoning Bylaw Rewrite	10,151.05				10,151.05			10,151.05		10,151.05
Art 6, 5/02 - Historical Properties Survey	-				-			-		-
Art 12, 5/02 Comp. Wastewater Mgmt Plan	-				-			-		-
Art 9, 5/13 - Inspections Vehicle	482.00				482.00			482.00		482.00
Art 7, 5/03 - Annex Sound System	3,225.00			(3,225.00)	-			-		-
Art 9 5/12 GIS Flyover	93,011.00				93,011.00			93,011.00		93,011.00
<b>Economic Development:</b>										
Expenses	75,000.00				75,000.00	75,000.00		-	-	-
Prior Year Encumbrances	-				-	-		-	-	-
<b>Total Community Development</b>	<b>931,211.45</b>	<b>-</b>	<b>-</b>	<b>(3,225.00)</b>	<b>927,986.45</b>	<b>722,211.25</b>	<b>-</b>	<b>205,775.20</b>		
<b>Health Department:</b>										
Salaries	323,786.00				323,786.00	294,257.47		29,528.53	29,528.53	0.00
Expenses	89,150.00				89,150.00	72,377.18		16,772.82	16,322.82	450.00
H&E Vehicle	-				-			-	-	-
Prior Year Encumbrances	-				-			-	-	-
<b>Conservation Commission:</b>										
Salaries & Wages	236,526.00				236,526.00	177,998.74		58,527.26	58,527.26	-
Expenses	31,550.00				31,550.00	26,657.33		4,892.67	4,892.67	-
Prior Year Encumbrances	-				-			-	-	-
ATM 05/08/12 Conservation Land Mgmt/Forest Mgt	19,974.16				19,974.16	9.40		19,964.76		19,964.76
<b>Laboratory:</b>										
Art 68, 5/98 Flow Monitoring System	4,000.00				4,000.00			4,000.00		4,000.00
Art 8 5/00 Equipment Water Quality Monitoring Instr.	14,299.50				14,299.50	200.00		14,099.50		14,099.50
<b>Pleasant Bay Management Plan:</b>										
Expenses	33,723.00				33,723.00	33,723.00		-	-	-
<b>Stormwater Management:</b>										
Art 18 5/16 - Lighthouse Drainage/Stormwater	130,000.00				130,000.00	7,770.00		122,230.00		122,230.00
Annual Drainage/Stormwater Management	110,655.27				110,655.27	76,630.05		34,025.22		34,025.22
Art 8, 5/99 Little Mill Pond	20,600.00				20,600.00			20,600.00		20,600.00
Art 19, 5/16 - Bearse's Lane Retaining Wall	60,000.00				60,000.00	6,762.32		53,237.68		53,237.68
Art 6 ATM 5/04 Mass Estuaries Project	1,500.00				1,500.00			1,500.00		1,500.00

# Town of Chatham – 2018 General Fund Appropriations and Expenditure Ledger

Account	Total ATM and encumbered	Reserve Fund	Salary Adjustments	Budget Adjustments	Appropriation Balance	Expenditures	Interfund Transfers	Budget Ending	Closed to Revenue	Balance Encumbered
Art 6 5/05 ATM Forest Management Plan	7,220.19				7,220.19	6,883.06		537.13		537.13
Annual Lovers Lake/Stillwater Pond Restor	7,394.80				7,394.80			7,394.80		7,394.80
Art 9 5/08 Sylvan Gardens Restoration/Mgmt	9,704.25				9,704.25	84.00		9,620.25		9,620.25
<b>Waterways Advisory Committee:</b>					-					
Salaries	200.00			-	200.00	107.15	43.75	49.10	49.10	-
Expenses	800.00			-	800.00	843.75	(43.75)	-		-
<b>Harbormaster:</b>					-					
Salaries	378,566.00				378,566.00	361,020.57	17,545.43	-	-	-
Expenses	109,740.00				109,740.00	125,977.32	(16,237.32)	-	-	0.00
<b>Prior Year Encumbrances</b>					-			0.00		-
Art 7, 5/03 - Mooring Management	8,061.25				8,061.25	9,369.36	(1,308.11)	-		-
Annual Town Landing	8,833.86				8,833.86	8,833.25		0.61	0.61	0.00
Annual- Aids to Navigation	12,252.72				12,252.72	11,767.32		485.40		485.40
Art 10 5/10 Fuel Dispenser replacement	-				-			-		-
Annual Boat Maintenance & Equipment	5,000.00				5,000.00	4,779.31		220.69		220.69
Art 10 5/09 Fish Pier Parking Lot	-				-			-		0.00
Art 9 5/15 Diesel & Gas Tank Replacement	149,315.95				149,315.95	2,829.05		146,486.90		146,486.90
ATM Article - Annual Mitchell River Bridge	13,223.24				13,223.24	522.75		12,700.49		12,700.49
Art 9 5/12 Fish Pier Repairs	-				-			-		-
Art 9 5/14 & Art 11 5/16 Truck Replacement	52,106.86				52,106.86	51,515.68		591.18		591.18
Art 11 5/16 - Boat Replacement (H-21 & H-26)	-				-			-		-
Art 13 5/13 Boat Trailer Replacement	36.99				36.99			36.99		36.99
Art 13 5/15 Harbormaster Engine Replacement	-				-			-		-
<b>Coastal Resources: (CR &amp; Shellfish &amp; Shellfish Adv)</b>					-					
Salaries	289,532.00				289,532.00	289,574.81	(42.81)	0.00		0.00
Expenses	18,578.23				18,578.23	17,875.44	42.81	659.98	-	<b>659.98</b>
Prior Year Encumbrances	62.88				62.88	62.88		(0.00)		(0.00)
Art 8/97 North Beach Management	4,229.72				4,229.72			4,229.72		4,229.72
ATM Article - Annual Dredging Program	256,058.51				256,058.51	74,101.48		181,957.03		181,957.03
ATM Article - Aerial Shoreline Photo Survey	17,147.45				17,147.45	13,980.00		3,167.45		3,167.45
ATM Article-Shellfish Outboard Engine Replacement	14,781.16				14,781.16			14,781.16		14,781.16
Art 8, 5/00 - Cockle Cove Beach Renourishment	2,280.30				2,280.30			2,280.30		2,280.30
Art 9, 5/12 - Shellfish Truck	3,721.76				3,721.76	3,107.10		614.66		614.66
Art 7, 5/03 - Fish Pier Dinghy Floats	500.00				500.00			500.00		500.00
Art 9, 5/13 - OMBY Pier & Float Repairs	47,779.86				47,779.86			47,779.86		47,779.86
Art13, 5/15 Oyster Pond Bulkhead removal	18,000.00				18,000.00			18,000.00		18,000.00
Art 11 5/16 - Ryder's Cove Bulkhead Ramp Replace.	26,800.00				26,800.00	25,200.00		1,600.00		1,600.00
Art 16 5/15 - Bridge Street Pier Reconstruction	83,715.03				83,715.03	25,599.65		58,115.38		58,115.38
ATM Article Town Landing Maintenance	36,302.76				36,302.76	26,314.68		9,988.08		9,988.08
Art 11 5/17 Shellfish Workshop Additions	10,000.00				10,000.00			10,000.00		10,000.00
Art 6 5/14 H&E North Beach Truck	512.02				512.02	260.30		251.72	5.00	251.72
Art 10 5/09 Nantucket Shoreline Assessment	5.00				5.00			5.00		-
Art 11 5/08 Mill Creek Dredging	3,005.76				3,005.76			3,005.76		3,005.76
<b>Stage Harbor Management/So Coastal:</b>					-					
Salaries	500.00			-	500.00	785.41	(285.41)	-		-
Expenses	500.00			-	500.00	96.44	285.41	118.15	118.15	-
<b>Total Natural Resources w/Coastal Resources</b>	<b>\$ 2,672,232.48</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,672,232.48</b>	<b>1,757,676.25</b>	<b>0.00</b>	<b>914,556.23</b>		
<b>Education:</b>					-					
Monomoy Regional Assessment	8,941,137.00				8,941,137.00			-		-
Cape Cod Tech Assessment	194,070.00				194,070.00	194,070.00		-		-
<b>Total Education</b>	<b>9,135,207.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9,135,207.00</b>	<b>9,135,207.00</b>	<b>-</b>	<b>-</b>		
<b>Highway Department:</b>					-					
Salaries	446,007.00			-	446,007.00	372,543.57	73,463.43	-		-
Expenses	61,200.00			-	61,200.00	62,768.71	(1,568.71)	-		-
Prior Year Encumbrances	-				-			-		-
ATM Article - Annual Paving	447,427.41				447,427.41	437,371.63		10,055.78		10,055.78
ATM Article - Annual Catch Basins	168,337.76				168,337.76	109,117.01		59,220.75		59,220.75

# Town of Chatham – 2018 General Fund Appropriations and Expenditure Ledger

Account	Total ATM and encumbered	Reserve Fund	Salary Adjustments	Budget Adjustments	Appropriation Balance	Expenditures	Interfund Transfers	Budget Ending	Closed to Revenue	Balance Encumbered
ATM Article - Annual Crack Repair	70,868.74				70,868.74	318.00		70,550.74		70,550.74
Annual Emergency Road Repair	21,188.67				21,188.67			21,188.67		21,188.67
Art 10 5/09 Front End Loader	-				-			-		-
Art97, 5/13 - Street Signs	21,503.48				21,503.48	2,816.65		18,686.83		18,686.83
Annual Sidewalk Construction	294,976.00				294,976.00	91,630.17		203,345.83		203,345.83
Art 11 ATM 5/17 Large Dump w/Plow & Sander	58,000.00				58,000.00	27,735.00		30,265.00		30,265.00
Art 11, ATM 5/16 Crowell Road Intersection	35,000.00				35,000.00			35,000.00		35,000.00
Annual Bike Trail Maintenance	20,683.44				20,683.44	7,353.03		13,330.41		13,330.41
Art 11 ATM 5/17 Replace Salt/Sand Storage Shed	50,000.00				50,000.00			50,000.00		50,000.00
<b>Snow &amp; Ice:</b>	-				-					
Salaries	16,000.00				16,000.00	41,140.77	(25,140.77)	0.00		0.00
Expenses	75,000.00			89,430.00	164,430.00	248,655.57	(84,225.57)	0.00		0.00
<b>Street Lighting:</b>	-				-					
Expenses	20,000.00				20,000.00	14,893.96	5,306.04	-		-
<b>Central Fuel Depot:</b>	186,000.00				186,000.00	153,918.35	7,311.65	24,770.00		24,770.00
Expenses	-				-			-		-
<b>Solid Waste Management:</b>	-				-					
Salaries	433,541.00				433,541.00	433,516.99		24.01	24.01	0.00
Expenses	630,600.00	89,444.67		85,000.00	805,044.67	801,037.37		4,007.30	4,007.30	0.00
Prior Year Encumbrances	-				-			-		-
Art 9 5/13 Recycling Improvements	158,214.38				158,214.38	40,803.70		117,410.68		117,410.68
Art 10 5/09 Building Maintenance	57,731.35				57,731.35	5,677.49		52,053.86		52,053.86
Art 13 5/15 Front End Loader	52,811.99				52,811.99	14,087.00		38,724.99		38,724.99
Art 11, ATM 5/17 - Feasibility/Design Transfer Station	50,000.00				50,000.00	13,271.00		36,729.00		36,729.00
Art 11 5/17 Container Roll-off Tractor	58,000.00				58,000.00			58,000.00		58,000.00
Art 11 5/17 Trailer Yard Tractor	151,000.00				151,000.00	-		151,000.00		151,000.00
<b>Sewer Department:</b>	-				-					
Salaries	25,825.00				25,825.00	27,672.78	(1,847.78)	-		0.00
Expenses	1,000,170.00		30,000.00		1,030,170.00	1,029,260.91	909.09	(0.00)		(0.00)
Prior Year Encumbrances	-				-			-		-
Art 10 5/10 Flatbed Truck	-				-			-		-
Art 6, ATM 5/02 - Rep Main Fac Influent Sc	692.96				692.96	116.70		576.26		576.26
Art 11, ATM 5/16 - Sewer Service Connection (COX)	50,000.00				50,000.00	10,190.00		39,810.00		39,810.00
Art 11, ATM 5, 16 - Sewer Inflow & Infiltration Study	106,004.88				106,004.88	39,283.02		66,721.86		66,721.86
<b>Airport Commission:</b>	-				-					
Art 12 5/08 Airport Runway Construction	26,063.64				26,063.64	15,402.50		10,661.14		10,661.14
Annual - Continuing Modernization	242,161.81				242,161.81	38,695.00		203,466.81		203,466.81
<b>Cemetery Commission:</b>	-				-					
Salaries	17,800.00				17,800.00	16,760.00		1,040.00	1,040.00	0.00
Expenses	75,880.00		14,000.00		89,880.00	89,518.97		361.03	361.03	(0.00)
Prior Year Encumbrances	-				-			-		-
Annual - Cemetery Road Resurface & Ext	2,549.34				2,549.34	-		2,549.34		2,549.34
Annual - Clean & Repair Head Stones	1,580.00				1,580.00	625.00		955.00		955.00
Art 8, 5/00 - Complete Expansion of Union Cemetery	16,585.20				16,585.20	496.85		16,088.35		16,088.35
Art 9 5/13 - Expansion of Seaside Cemetery	731,219.40				731,219.40	613,826.75		117,392.65		117,392.65
<b>Municipal Buildings &amp; Grounds:</b>	-				-					
Salaries	363,700.00				363,700.00	365,921.21	(2,221.21)	(0.00)		(0.00)
Expenses	491,350.00			102,320.00	593,670.00	604,094.52	(10,424.52)	0.00		0.00
Annual Property Maintenance/Building Maintenance	135,790.17				135,790.17	138,045.20	(2,255.03)	(0.00)		(0.00)
Art 9, ATM 5/14 Fish Pier Repairs	681,229.01				681,229.01	93,772.81		587,456.20		587,456.20
Art 11, ATM 5/16 Facilities Baseline Software	5,052.00				5,052.00	4,250.00		802.00		802.00
ATM 5/17 Wheeled Boom Lift	50,000.00				50,000.00			50,000.00		50,000.00
Art 11, ATM 5/17 Custodian Van	40,000.00				40,000.00	40,000.00		-		-
Art 11, ATM 5/16 Facilities Truck	100.00				100.00	100.00		-		-
<b>Park &amp; Recreation:</b>	-				-					
Salaries	993,579.00				993,579.00	931,333.98	27,674.46	34,570.56	34,570.56	0.00
Expenses	180,990.00				180,990.00	185,477.58	(4,487.58)	0.00		0.00

# Town of Chatham – 2018 General Fund Appropriations and Expenditure Ledger

Account	Total ATM and encumbered	Reserve Fund	Salary Adjustments	Budget Adjustments	Appropriation Balance	Expenditures	Interfund Transfers	Budget Ending	Closed to Revenue	Balance Encumbered
Prior Year Encumbrances	-	-	-	-	-	-	-	-	-	-
Art 9, ATM 5/13 - Replace 1 Ton Dump Truck	-	-	-	-	-	-	-	-	-	-
Art 13 ATM 5/15 Cardio Equipment	12,000.00	-	-	-	12,000.00	-	-	12,000.00	-	12,000.00
Art 8 ATM 5/07 Comm Center Outfitting	16,637.35	-	-	-	16,637.35	-	-	16,637.35	-	16,637.35
Art 6, STM 8/27 Skateboard Park	1,000.00	-	-	-	1,000.00	-	-	1,000.00	-	1,000.00
Art 9 5/08 P&R Dump truck with plow	60,643.00	10,555.33	-	-	71,198.33	21,198.33	-	50,000.00	-	50,000.00
Art 9 5/08 Comm Center Program Consultant	1,038.39	-	-	(1,038.39)	-	-	-	-	-	-
<b>Lighthouse Beach</b>										
Salaries	51,000.00	-	-	-	51,000.00	33,493.50	17,506.50	-	-	-
Expenses	14,000.00	-	-	-	14,000.00	1,396.75	-	12,603.25	12,603.25	-
Art 13 ATM 5/15 ATV Replacement	9,857.37	-	-	-	9,857.37	-	-	9,857.37	-	9,857.37
Prior Year Encumbrances	-	-	-	-	-	-	-	-	-	-
<b>Total Public Works</b>	<b>\$ 8,988,589.74</b>	<b>\$ 100,000.00</b>	<b>\$ -</b>	<b>\$ 319,711.61</b>	<b>\$ 9,408,301.35</b>	<b>7,179,388.33</b>	<b>-</b>	<b>2,228,913.02</b>	<b>-</b>	<b>-</b>
<b>Council on Aging:</b>										
Salaries	286,470.00	-	-	-	286,470.00	259,478.53	-	26,991.47	26,991.47	0.00
Expenses	39,547.00	-	-	-	39,547.00	25,761.55	-	13,785.45	13,785.45	-
Prior Year Encumbrances	-	-	-	-	-	-	-	-	-	-
Art 13 ATM 05/15 COA Van	48,000.00	-	-	-	48,000.00	-	-	-	-	-
<b>Veterans District:</b>										
Expenses	75,320.00	-	-	-	75,320.00	72,474.44	-	2,845.56	2,545.56	300.00
Prior Year Encumbrances	100.00	-	-	-	100.00	3.32	-	96.68	96.68	-
<b>Contract Public Assistance:</b>										
Chatham/Orleans VNA	28,995.00	-	-	-	28,995.00	28,995.38	-	(0.38)	(0.38)	0.00
Monomoy Community Service	155,000.00	-	-	-	155,000.00	154,999.92	0.03	0.05	0.05	(0.00)
CapeAbilities	5,625.00	-	-	-	5,625.00	5,500.00	-	125.00	125.00	-
CC Child Development	5,500.00	-	-	-	5,500.00	5,500.00	-	-	-	-
Independence House	6,000.00	-	-	-	6,000.00	6,000.00	-	-	-	-
Legal Services of Cape Cod	5,250.00	-	-	-	5,250.00	5,250.00	-	-	-	-
Sight Loss Service	1,000.00	-	-	-	1,000.00	1,000.00	-	-	-	-
Big Brother/Big Sister	6,000.00	-	-	-	6,000.00	6,000.00	-	-	-	-
Lower Cape Outreach	10,000.00	-	-	-	10,000.00	10,000.00	-	-	-	-
Homeless Prevention Council	7,718.00	-	-	-	7,718.00	7,718.00	-	-	-	-
Aids Council (CARES)	2,000.00	-	-	-	2,000.00	2,000.00	-	-	-	-
Elder Services of Cape Cod	9,000.00	-	-	-	9,000.00	8,000.00	-	1,000.00	1,000.00	-
Consumer Assistance	500.00	-	-	-	500.00	500.00	-	-	-	-
Operation in from the cold	2,000.00	-	-	-	2,000.00	1,000.00	-	1,000.00	-	1,000.00
Duffy Health Center	3,000.00	-	-	-	3,000.00	2,750.00	-	250.00	-	250.00
Outer Cape Health Services	5,000.00	-	-	-	5,000.00	5,000.00	-	-	-	-
Gosnold	12,000.00	-	-	-	12,000.00	12,000.00	-	-	-	-
Cultural Council	4,000.00	-	-	-	4,000.00	4,000.00	-	-	-	-
Childcare Network Voucher	10,025.00	-	-	(1,000.00)	9,025.00	8,489.00	-	536.00	536.00	-
ARC of Cape Cod	1,000.00	-	-	-	1,000.00	1,000.00	-	-	-	-
Alzheimer's Support Group	7,000.00	-	-	-	7,000.00	7,000.00	-	-	-	-
Children's Center	3,000.00	-	-	1,000.00	4,000.00	5,000.00	-	(1,000.00)	(1,000.00)	-
Women of Fishing Families	2,000.00	-	-	-	2,000.00	2,000.00	-	-	-	-
<b>Public Libraries</b>										
Eldredge Public Library	520,000.00	-	-	-	520,000.00	519,999.67	-	0.33	0.33	0.00
South Chatham Library	6,375.00	-	-	-	6,375.00	5,100.00	-	1,275.00	-	1,275.00
<b>Railroad Museum:</b>										
Expenses	3,000.00	-	-	-	3,000.00	1,792.00	-	1,208.00	1,208.00	-
Prior Year Encumbrances	-	-	-	-	-	-	-	-	-	-
<b>Public Ceremonies:</b>										
Expenses	19,500.00	-	-	-	19,500.00	13,115.14	(0.03)	6,384.89	384.89	6,000.00
Prior year encumbrances	705.87	-	-	-	705.87	705.87	-	-	-	-
<b>Other Public Events:</b>										
Chatham Band	7,500.00	-	-	-	7,500.00	7,500.00	-	-	-	-
<b>Total Community and Social Services</b>	<b>1,298,130.87</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,298,130.87</b>	<b>1,243,632.82</b>	<b>-</b>	<b>54,498.05</b>	<b>-</b>	<b>-</b>

# Town of Chatham – 2018 General Fund Appropriations and Expenditure Ledger

Account	Total ATM and encumbered	Reserve Fund	Salary Adjustments	Budget Adjustments	Appropriation Balance	Expenditures	Interfund Transfers	Budget Ending	Closed to Revenue	Balance Encumbered
<b>Debt Service:</b>										
Principal	5,394,992.73				5,394,992.73	5,238,729.48	131,210.47	25,052.78	25,052.78	-
Interest - Long-term	1,847,792.30				1,847,792.30	1,979,002.77	(131,210.47)	-	-	-
Interest - Short-term	250,000.00				250,000.00	47,007.73		202,992.27	202,992.27	-
<b>Total Debt Service</b>	<b>\$ 7,492,785.03</b>			-	<b>7,492,785.03</b>	<b>7,264,739.98</b>	-	<b>228,045.05</b>		-
<b>Employee Benefits:</b>										
Prior Year Encumbrances	-				-			-		-
Workers Compensation	105,000.00				105,000.00	113,127.73		(8,127.73)	(8,127.73)	0.00
Medicare/Social Security	150,000.00				150,000.00	153,388.02		(3,388.02)	(3,388.02)	0.00
Unemployment	30,000.00				30,000.00	18,835.81		11,164.19	11,164.19	-
Public Safety Employee Injury Insurance	21,000.00				21,000.00	20,855.00		145.00	145.00	-
Barnstable County Retirement	1,933,225.00				1,933,225.00	1,933,225.38		(0.38)	(0.38)	0.00
Group Health Insurance	2,952,880.00			(450,000.00)	2,502,880.00	2,462,985.28		39,894.72	39,894.72	0.00
Prior year encumbrances	-				-			-		-
<b>Total Employee Benefits</b>	<b>\$ 5,192,105.00</b>		-	<b>(450,000.00)</b>	<b>4,742,105.00</b>	<b>4,702,417.22</b>	-	<b>39,687.78</b>		-
	<b>46,930,699.66</b>	-	-	<b>(33,053.01)</b>	<b>46,897,646.65</b>	<b>41,634,360.11</b>	<b>0.00</b>	<b>5,263,286.54</b>	<b>753,345.79</b>	<b>4,509,940.75</b>

# Town of Chatham – Balance Sheet June 30, 2018 – Special Revenue Fund

## ASSETS

Cash	3,617,107.12
Land Bank Receivables 2018	12,545.02
Land Bank Receivables 2017	679.64
Land Bank Receivables 2016	425.44
Land Bank Receivables 2015	133.86
Land Bank Receivables 2014	(179.20)
Land Bank Receivables 2013	800.91
Land Bank Receivables 2012	(0.92)
Land Bank Receivables 2011	0.78
Land Bank Receivables 2010	(90.16)
Land Bank Receivables 2009 & Prior	<u>6.60</u>
 Total Assets	 <u><u>3,631,429.09</u></u>

## LIABILITIES & FUND EQUITIES

Liabilities:	
Warrants Payable	93,343.08
Deferred Revenue-Land Bank	<u>14,321.97</u>
Total Liabilities	107,665.05
Fund Equities	
Federal Grants:	
Cops Fast	1,367.00
Cops More	47.46
Police Vests Grant	-
FEMA Assistance to Fire Fighters	(2,684.52)
Micro Loan	92.60
Haz Mitigation EIR Grant	280.68
Morris Island USFWS Grant	(4,614.54)
Business Bldrs Progr	47.11
Airport Commission	(11,646.45)
Anti-terrorism	<u>1,062.29</u>
	(16,048.37)
State & County Grants:	
Chapter 90 - Training Field	(38,842.13)
County CAT Grant	10,080.00
Community Policing	(21.70)
Underage Drinking	1,012.86
S.A.F.E. Fire	3,618.90
MCE_BCEHO EMS	956.10
Coastal Retrofit	2,982.45
Energy Efficiency Grant	(1,340.15)
EOFA Capital Improvement Planning	12,000.00
EOFA Classification Grant	8,000.00
Cape Cod Comm Pathways	4,495.09
County IT Grant	4,375.00
TAP Grant Affordable Housing	258.50
FEMA/MEMA Storm	(57,764.65)
EMPG 800 Radio Grant	3,566.30
Port Security Grant	2,382.60
Shellfish - County	5,000.00
Pump Out Grant	27,863.52

## Town of Chatham – Balance Sheet June 30, 2018 – Special Revenue Fund

Fillet Tables Small Grant	-
Seaport Grant	38,502.17
WRRP Grant	(10,389.49)
St Aid to Highways	74.89
DEP Paint Shed	2,540.91
MRIP recycling	6,513.68
DEP SRMP Grant	27,855.00
Transportation Network (TNC) Grant	2,199.10
Beach Monitoring	1,106.02
COA State Grant	-
Eldredge Public Library	-
So, Chatham Library	4.47
Library Innovative Grant	-
Arts Lottery	(4,851.86)
Cultural Council State Operating	(264.54)
Click it or Ticket	4,340.44
County Funds Bike Path	(98.81)
	<u>56,154.67</u>
Revolving:	
Commercial Shellfish	144,125.18
Airport Revolving	54,323.46
Park & Recreation	63,956.88
Inspectional Services	114,472.64
Bassett House	30,360.58
WUF Revolving	334,203.00
Marconi Station	5,605.47
Tax Title Revolving	(7,979.00)
Recycling Revolving	(927.11)
	<u>738,141.10</u>
Receipts Reserved for Appropriation:	
Land Bank -undesignated fund balance	1,719,542.92
Elections & Registration	5,982.00
Sale of Town Land	1,500.00
PEG Access	155,020.36
Wetlands Protection	198,092.87
Waterways Improvement	285,962.72
Sale of Cemetery Lots	22,485.00
Railroad Museum	15,198.77
	<u>2,403,784.64</u>
Other:	
Refunding Bonds	34,633.89
Public Ceremonies	1,520.31
Youth Outreach	10,988.08
Conservation Fund Donation	19,659.88
Wetlands Consultant	1,500.00
Old Comers/Woodland	245.69
Wildfire Management Grant	112.11
Conservation Commission By Law Filing Fees	144,183.34
Barnstable County Land Management	430.35
Damages to Municipal Property	(176,469.25)
Damages to Police Property	5,273.35
Police Restitution	840.00
Police Donations	2,992.60
CPR Class	2,438.40

## Town of Chatham – Balance Sheet June 30, 2018 – Special Revenue Fund

Disabilities Gifts	66.21
Volunteer Park Donation	5,320.37
Pleasant Bay Alliance	38,161.60
Sudbury Donation	-
Kelley Foundation	-
Fertilizer Study	-
Freshwater Fund	5,108.46
Sears Point Consultant	39,117.50
Strong Island Stairway	2,700.00
Water Street Town Landing Project	9,757.50
COA Enrichment	86,266.25
Van Schassen Gift COA	12,928.84
P.A.R.K. After School Program	44,106.70
Park & Rec Donations	2,642.93
Park Damages to Town Property	3,265.00
WWII Memorial Donations	537.14
Railroad Donations	9,991.96
Bikeways Donations	430.03
Windmill Preservation Donations	45.00
Samuel Hawes Park	551.26
Underground Utility Comm	6,049.83
Cultural Council	26,086.67
Bassett House Gifts	250.00
	<u>341,732.00</u>
Total Fund Equities	<u>3,523,764.04</u>
Total Liabilities & Fund Equities	<u>3,631,429.09</u>

## Town of Chatham – Balance Sheet June 30, 2018 – Community Preservation Fund

ASSETS	
Cash	3,053,555.75
Community Preservation FY 2016	2,375.91
Community Preservation FY 2017	518.94
Community Preservation FY 2018	10,144.49
Community Preservation FY 2009 & Prior	(1,271.68)
Community Preservation FY 2010	(84.45)
Community Preservation FY 2011	(0.05)
Community Preservation FY 2012	41.81
Community Preservation FY 2013	564.10
Community Preservation FY 2014	566.99
Community Preservation FY 2015	2,426.18
Total Assets	<u>3,068,837.99</u>
LIABILITIES	
Warrants Payable	-
Deferred Revenue CPA Receivables	15,282.24
Total Liabilities	15,282.24
FUND EQUITIES	
Unreserved Fund Equity	2,104,246.57
Reserve for Historic Preservation	20,000.00
Reserve for Open Space	300,000.00
Reserve for Community Housing	-
Reserve for Encumbrances	629,309.18
	<u>3,053,555.75</u>
Total Liabilities & Fund Equities	<u>3,068,837.99</u>

# Town of Chatham – Balance Sheet June 30, 2018 – Special Revenue Funds – School

	ASSETS	
Cash		351,223.25
	LIABILITIES & FUND EQUITIES	
Liabilities:		
Warrants Payable		-
Fund Equities:		
School Lunch		383.86
Federal Grants:		
Race to the Top		-
Improving Education		-
		-
State & County Grants:		
Tech Prep County Grant		-
Academic Support		-
Full Day Kindergarten		-
Circuit Breaker		-
		-
Revolving:		
Adult Education		-
School Building Use		-
Lost Text Book		-
Athletic Fund		-
		-
Other Purposes:		
Chatham Robot Camp		-
Friends of P.B. M/S		-
Under Chatham Blue		-
Friends of Pleasant Bay Elem		-
Friends of Pleasant Bay High School		-
Together We Can		-
Skate Board Park		-
Friends of Trees		-
School to Career		-
Educational Access		350,839.39
Environmental Education Grant		-
Before/After School		-
Outreach School Education Grant		-
		350,839.39
Total Fund Equities		351,223.25
Total Liabilities & Fund Equities		351,223.25
		-

# Town of Chatham – Combining WTB – SRFs – Fiscal 2018

	Total SRE	Land Bank	Public Ceremonies	Dam T Prop Selectman	Sale of Town Land	County CAT Grant	Peg Acc (CH 18)
<b>Revenue</b>							
Property taxes	1,862,974.81	985,241.60					
Motor vehicle excise	-						
Vessel and other excise	38,550.24						
Penalties and interest	23,027.33						
Licenses and permits	441,801.45						
Charges for services	2,822,256.84						
Fines and forfeitures	-						
Investment income	146,996.44	15,740.09					131,114.08
Contributions and donations	287,877.41	-					
PILOT	-						
Departmental and other	381,302.15						
Intergovernmental-federal	378,898.09						
Intergovernmental-other	725,465.74	-	-	-	-	-	-
Total revenue	7,109,150.50	1,000,981.69	-	-	-	-	131,114.08
<b>Expenditures</b>							
General government	575,373.58			192,224.77			
Public safety	391,766.82						
Education	4,238.56						
Public works	3,209,308.27						
Comm & econ. Development	69,345.00						
Health and human services	32,761.23						
Culture and recreation	104,996.16		158.40				
Coastal Resources (Wtr. Ways)	277,486.06						
	-						
	-						
	-						
State and county assessments							
Total expenditures	4,665,275.68	-	158.40	192,224.77	-	-	-
<b>OFS/(U)</b>							
Transfers in	787,723.00						
Transfers out	(1,468,935.00)	(803,870.00)					(25,000.00)
Bond proceeds	-						
Sale of capital assets	-						
Total ofs/(u)	(681,212.00)	(803,870.00)	-	-	-	-	(25,000.00)
Net change	1,762,662.82	197,111.69	(158.40)	(192,224.77)	-	-	106,114.08
	-						
Fund balance - b.o.y.	12,826,963.64	1,522,431.23	1,678.71	12,847.96	1,500.00	10,080.00	48,906.28
Fund balance - e.o.y.	14,589,626.46	1,719,542.92	1,520.31	(179,376.81)	1,500.00	10,080.00	155,020.36

# Town of Chatham – Combining WTB – SRFs – Fiscal 2018

	County Spur Bike Path	Bassett House Revolving	Bassett House Gifts	Bikeways Donations	Energy Effic Grant	Undgrnd Util Committee	EOFA CIP Grant	EOFA Classification
<b>Revenue</b>								
Property taxes								
Motor vehicle excise								
Vessel and other excise								
Penalties and interest								
Licenses and permits								
Charges for services								
Fines and forfeitures								
Investment income								
Contributions and donations				-	-			
PILOT								
Departmental and other		2,750.00						
Intergovernmental-federal								
Intergovernmental-other	-	-	-	-	-	-	27,000.00	28,000.00
Total revenue	-	2,750.00	-	-	-	-	27,000.00	28,000.00
<b>Expenditures</b>								
General government	-	1,637.68			13,463.01		15,000.00	20,000.00
Public safety								
Education								
Public works								
Comm & econ. Development								
Health and human services								
Culture and recreation								
Coastal Resources (Wtr. Ways)								
State and county assessments	-	-	-	-	-	-	-	-
Total expenditures	-	1,637.68	-	-	13,463.01	-	15,000.00	20,000.00
<b>OFS/(U)</b>								
Transfers in								
Transfers out								
Bond proceeds								
Sale of capital assets								
Total ofs/(u)	-							
Net change	-	1,112.32	-	-	(13,463.01)	-	12,000.00	8,000.00
Fund balance - b.o.y.	(98.81)	29,248.26	250.00	430.03	12,122.86	6,049.83	-	-
Fund balance - e.o.y.	(98.81)	30,360.58	250.00	430.03	(1,340.15)	6,049.83	12,000.00	8,000.00

# Town of Chatham – Combining WTB – SRFs – Fiscal 2018

	Youth OR Donation	Disabilities Don Fund	Premium on Bonds	Tax Title Revolving	Elections State	Wetlands Protect F	Cons gifts/donations	Wetlands Consultant
<b>Revenue</b>								
Property taxes								
Motor vehicle excise								
Vessel and other excise								
Penalties and interest								
Licenses and permits								
Charges for services	8,482.62		-	-		12,277.50		
Fines and forfeitures								
Investment income								
Contributions and donations	-	-	44,534.54	-		-	-	-
PILOT								
Departmental and other								
Intergovernmental-federal					-			
Intergovernmental-other	-	-	-	-	-	-	-	-
Total revenue	8,482.62	-	44,534.54	-	-	12,277.50	-	-
<b>Expenditures</b>								
General government								
Public safety			9,900.65	7,979.00	-			
Education								
Public works								
Comm & econ. Development								
Health and human services								
Culture and recreation	5,086.51	-		-		-	-	-
Coastal Resources (Wtr.Ways)			-	-		-	-	-
State and county assessments	-	-	-	-	-	-	-	-
Total expenditures	5,086.51	-	9,900.65	7,979.00	-	-	-	-
<b>OFS/(U)</b>								
Transfers in								
Transfers out				-		(10,000.00)		
Bond proceeds								
Sale of capital assets								
Total ofs/(u)			-	-	-	(10,000.00)	-	-
Net change	3,396.11	-	34,633.89	(7,979.00)	-	2,277.50	-	-
Fund balance - b.o.y.	7,591.97	66.21	-	-	5,982.00	195,815.37	19,659.88	1,500.00
Fund balance - e.o.y.	10,988.08	66.21	34,633.89	(7,979.00)	5,982.00	198,092.87	19,659.88	1,500.00

# Town of Chatham – Combining WTB – SRFs – Fiscal 2018

	Old Comers Woodland	Wildfire Mgmt Grant	Barnstable Land Mgt	ConsCom By-law Filing	Sears Point damages	Waterways Improv Fund	Waterways User Fee Fund	Damages to Bldg Town Property
<b>Revenue</b>								
Property taxes								
Motor vehicle excise								
Vessel and other excise						38,550.24		
Penalties and interest								
Licenses and permits						190,908.95	170,225.00	
Charges for services				16,633.00				
Fines and forfeitures								
Investment income								
Contributions and donations			-					
PILOT								
Departmental and other								
Intergovernmental-federal								
Intergovernmental-other	-	-	-	-	-	-	-	-
Total revenue	-	-	-	16,633.00	-	229,459.19	170,225.00	-
<b>Expenditures</b>								
General government								
Public safety								
Education								
Public works								
Comm & econ. Development								
Health and human services								
Culture and recreation								
Coastal Resources (Wtr. Ways)			-	-	-	-	-	
State and county assessments	-	-	-	-	-	-	-	-
Total expenditures	-	-	-	-	-	-	-	-
<b>OFS/(U)</b>								
Transfers in								
Transfers out						(275,000.00)		
Bond proceeds								
Sale of capital assets								
Total ofs/(u)	-	-	-	-	-	(275,000.00)	-	-
Net change	-	-	-	16,633.00	-	(45,540.81)	170,225.00	-
Fund balance - b.o.y.	245.69	112.11	430.35	127,550.34	39,117.50	331,503.53	163,978.00	867.85
Fund balance - e.o.y.	245.69	112.11	430.35	144,183.34	39,117.50	285,962.72	334,203.00	867.85

# Town of Chatham – Combining WTB – SRFs – Fiscal 2018

	Marconi Station Revolving	Damages to Bldg PD	Comm Police Grant	COPS FAST Grant	COPS More Grant	Underage Drinking	Police Restitution	Federal Police Vests	Anti-Terrorism Grant
<b>Revenue</b>									
Property taxes									
Motor vehicle excise									
Vessel and other excise									
Penalties and interest									
Licenses and permits	6,000.00								
Charges for services									
Fines and forfeitures									
Investment income									
Contributions and donations		-							
PILOT									
Departmental and other									
Intergovernmental-federal								-	
Intergovernmental-other									
Total revenue	6,000.00	-	-	-	-	-	-	-	-
<b>Expenditures</b>									
General government	7,425.27							1,191.39	
Public safety			-						
Education									
Public works									
Comm & econ. Development									
Health and human services									
Culture and recreation									
Coastal Resources (W/tr. Ways)									
State and county assessments	-	-	-	-	-	-	-	-	-
Total expenditures	7,425.27	-	-	-	-	-	-	1,191.39	-
<b>OFS/(U)</b>									
Transfers in									
Transfers out									
Bond proceeds									
Sale of capital assets									
Total ofs/(u)		-	-	-	-	-	-	-	-
Net change	(1,425.27)	-	-	-	-	-	-	(1,191.39)	-
Fund balance - b.o.y.	7,030.74	5,273.35	(21.70)	1,367.00	47.46	1,012.86	840.00	1,191.39	1,062.29
Fund balance - e.o.y.	5,605.47	5,273.35	(21.70)	1,367.00	47.46	1,012.86	840.00	-	1,062.29

# Town of Chatham – Combining WTB – SRFs – Fiscal 2018

	Click It or Ticket	Gifts & Donations	FEMA/MEMA Grant	EMPG 800 Radio Grant	S.A.F.E. Grant	FEMA Assist FF Grant	CPR Class	MICE-BCEHO EMS
<b>Revenue</b>								
Property taxes								
Motor vehicle excise								
Vessel and other excise								
Penalties and interest								
Licenses and permits								
Charges for services								
Fines and forfeitures								
Investment income								
Contributions and donations		895.00						
PILOT								
Departmental and other			5,100.00	2,460.00		371,338.09		-
Intergovernmental-federal					6,123.00			1,200.00
Intergovernmental-other			5,100.00	2,460.00	6,123.00	371,338.09	3,276.94	1,200.00
Total revenue	-	895.00						
<b>Expenditures</b>								
General government								
Public safety		860.39						
Education								
Public works								
Comm & econ. Development					8,367.27	377,893.66	2,310.21	1,143.90
Health and human services								
Culture and recreation								
Coastal Resources (Wtr. Ways)			63,036.44					
State and county assessments								
Total expenditures	-	860.39	63,036.44		8,367.27	377,893.66	2,310.21	1,143.90
<b>OFS/(U)</b>								
Transfers in								
Transfers out								
Bond proceeds								
Sale of capital assets								
Total ofs/(u)	-	-	-	-	-	-	-	-
Net change	-	34.61	(57,936.44)	2,460.00	(2,244.27)	(6,555.57)	966.73	56.10
Fund balance - b.o.y.	4,340.44	2,957.99	171.79	1,106.30	5,863.17	3,871.05	1,471.67	900.00
Fund balance - e.o.y.	4,340.44	2,992.60	(57,764.65)	3,566.30	3,618.90	(2,684.52)	2,438.40	956.10

# Town of Chatham – Combining WTB – SRFs – Fiscal 2018

	Micro Loan - HUD Grant	Fed EIR Haz Mit Grant	Coastal Ad Retrofit	CC Comm Pathways	Bus Build Program	Inspectional Services	Tap Gr Afford Hsng	County IT Grant	Shellfish Revolving
<b>Revenue</b>									
Property taxes									
Motor vehicle excise									
Vessel and other excise									
Penalties and interest									
Licenses and permits						53,278.51			74,667.50
Charges for services									
Fines and forfeitures									
Investment income									398.94
Contributions and donations									
PILOT									
Departmental and other									
Intergovernmental-federal									
Intergovernmental-other	-	-	-	-	-	-	-	-	-
Total revenue	-	-	-	-	-	53,278.51	-	-	75,066.44
<b>Expenditures</b>									
General government									
Public safety									
Education									
Public works									
Comm & econ. Development						69,345.00			
Health and human services									
Culture and recreation									
Coastal Resources (Wtr. Ways)									70,543.26
State and county assessments	-	-	-	-	-	-	-	-	-
Total expenditures	-	-	-	-	-	69,345.00	-	-	70,543.26
<b>OFS/(U)</b>									
Transfers in									
Transfers out									
Bond proceeds									
Sale of capital assets									
Total ofs/(u)	-	-	-	-	-	-	-	-	-
Net change	-	-	-	-	-	(16,066.49)	-	-	4,523.18
Fund balance - b.o.y.	92.60	280.68	2,982.45	4,495.09	47.11	130,539.13	258.50	4,375.00	139,602.00
Fund balance - e.o.y.	92.60	280.68	2,982.45	4,495.09	47.11	114,472.64	258.50	4,375.00	144,125.18

# Town of Chatham – Combining WTB – SRFs – Fiscal 2018

	Shellfish County Grant	Pump Out Grant	Port Security Grant	Alliance Account	Sudbury Found Grant	Kelly Found Grant	Freshwater Fund	Fertilizer Study
<b>Revenue</b>								
Property taxes								
Motor vehicle excise								
Vessel and other excise								
Penalties and interest								
Licenses and permits								
Charges for services								
Fines and forfeitures								
Investment income								
Contributions and donations								
PILOT								
Departmental and other								
Intergovernmental-federal	-	10,000.00	-	62,628.00	-	-	-	-
Intergovernmental-other	-	10,000.00	-	62,628.00	-	-	-	-
Total revenue								
<b>Expenditures</b>								
General government								
Public safety								
Education								
Public works								
Comm & econ. Development								
Health and human services								
Culture and recreation								
Coastal Resources (Wtr. Ways)		7,516.56		100,839.80	12,500.00	8,000.00	5,691.54	6,808.46
State and county assessments	-	-	-	-	-	-	-	-
Total expenditures	-	7,516.56	-	100,839.80	12,500.00	8,000.00	5,691.54	6,808.46
<b>OFS/(U)</b>								
Transfers in				33,723.00				
Transfers out								
Bond proceeds								
Sale of capital assets								
Total ofs/(u)	-	-	-	33,723.00	-	-	-	-
Net change	-	2,483.44	-	(4,488.80)	(12,500.00)	(8,000.00)	(5,691.54)	(6,808.46)
Fund balance - b.o.y.	5,000.00	25,380.08	2,382.60	42,650.40	12,500.00	8,000.00	10,800.00	6,808.46
Fund balance - e.o.y.	5,000.00	27,863.52	2,382.60	38,161.60	-	-	5,108.46	-

# Town of Chatham – Combining WTB – SRFs – Fiscal 2018

	Damages to town prop CR	Strong Island Stairway	Fillet Tables Small Grant	Seaport Grant	Water Street Landing	Transportation Network	Gifts & Don Volunteer Pk	WWRP Grant	State Aid Highways
<b>Revenue</b>									
Property taxes									
Motor vehicle excise									
Vessel and other excise									
Penalties and interest									
Licenses and permits									
Charges for services									
Fines and forfeitures									
Investment income	-				-				
Contributions and donations									
PILOT									
Departmental and other									
Intergovernmental-federal	-	-	2,495.00	-	-	2,199.10	-	-	-
Intergovernmental-other	-	-	2,495.00	-	-	2,199.10	-	-	-
Total revenue									
<b>Expenditures</b>									
General government				-					
Public safety									
Education									
Public works						-		-	
Comm & econ. Development									
Health and human services									
Culture and recreation									
Coastal Resources (Wtr.Ways)			-	-	2,550.00			-	
State and county assessments	-	-	-	-	-	-	-	-	-
Total expenditures	-	-	-	-	2,550.00	-	-	-	-
<b>Ofs/(U)</b>									
Transfers in									
Transfers out									
Bond proceeds									
Sale of capital assets									
Total ofs/(u)	-	-	-	-	-				-
Net change	-	-	2,495.00	-	(2,550.00)	2,199.10	-	-	-
Fund balance - b.o.y.	2,039.71	2,700.00	(2,495.00)	38,502.17	12,307.50	-	5,320.37	(10,389.49)	74.89
Fund balance - e.o.y.	2,039.71	2,700.00	-	38,502.17	9,757.50	2,199.10	5,320.37	(10,389.49)	74.89

# Town of Chatham – Combining WTB – SRFs – Fiscal 2018

	Chapter 90 Highways	Morris Island USFWS Grant	DEP Paint Shed	MRIP Recycle Grant	DEP SRMP Grant	Airport Rev F Ch44 Sec53E	FAA & MAC Grants	Sale of Lots	Recycling Revolving
<b>Revenue</b>									
Property taxes									
Motor vehicle excise									
Vessel and other excise									
Penalties and interest									
Licenses and permits									
Charges for services						37,690.85		2,200.00	512.00
Fines and forfeitures									
Investment income									
Contributions and donations	-								
PILOT									
Departmental and other									
Intergovernmental-federal				-	14,700.00	-	336,560.00	-	-
Intergovernmental-other				-	14,700.00		336,560.00	2,200.00	512.00
Total revenue	-	-	-	-	14,700.00	37,690.85	336,560.00	2,200.00	512.00
<b>Expenditures</b>									
General government									
Public safety									
Education									
Public works						42,682.69	310,997.50	-	
Comm & econ. Development									1,215.10
Health and human services									
Culture and recreation									
Coastal Resources (Wtr.Ways)									
State and county assessments	-	-	-	-	-	-	-	-	-
Total expenditures	-	-	-	-	-	42,682.69	310,997.50	-	1,215.10
<b>Ofs/(U)</b>									
Transfers in								(1,000.00)	
Transfers out									
Bond proceeds									
Sale of capital assets								(1,000.00)	
Total ofs/(U)									
Net change	-	-	-	-	14,700.00	(4,991.84)	25,562.50	1,200.00	(703.10)
Fund balance - b.o.y.	(38,842.13)	(4,614.54)	2,540.91	6,513.68	13,155.00	59,315.30	(37,208.95)	21,285.00	(224.01)
Fund balance - e.o.y.	(38,842.13)	(4,614.54)	2,540.91	6,513.68	27,855.00	54,323.46	(11,646.45)	22,485.00	(927.11)

# Town of Chatham – Combining WTB – SRFs – Fiscal 2018

	Beach Monitoring	COA Grant	Samuel Hawes Park	Enrichment - Don Fund	Van Schassen Gift	State Aid to Lib Eldredge	State Aid to Lib S Chatham	Library LSTA Grant	P.A.R.K Program
<b>Revenue</b>									
Property taxes									
Motor vehicle excise									
Vessel and other excise									
Penalties and interest									
Licenses and permits									
Charges for services									23,129.72
Fines and forfeitures									
Investment income									
Contributions and donations				4,033.26					
PILOT									
Departmental and other									
Intergovernmental-federal									
Intergovernmental-other	777.00	28,528.00	-	-	-	6,165.64	600.00	11,205.00	-
Total revenue	777.00	28,528.00	-	4,033.26	-	6,165.64	600.00	11,205.00	23,129.72
<b>Expenditures</b>									
General government									
Public safety									
Education									
Public works									
Comm & econ. Development									
Health and human services	495.00	28,528.00		2,523.13	-	-	600.00	11,205.00	9,044.27
Culture and recreation						6,165.64			
Coastal Resources (Wtr. Ways)									
State and county assessments	-	-	-	-	-	-	-	-	-
Total expenditures	495.00	28,528.00	-	2,523.13	-	6,165.64	600.00	11,205.00	9,044.27
<b>Ofs/(U)</b>									
Transfers in									
Transfers out									
Bond proceeds									
Sale of capital assets									
Total ofs/(u)	-	-	-	-	-	-	-	-	-
Net change	282.00	-	-	1,510.13	-	-	-	-	14,085.45
Fund balance - b.o.y.	824.02	-	551.26	84,756.12	12,928.84	-	4.47	-	30,021.25
Fund balance - e.o.y.	1,106.02	-	551.26	86,266.25	12,928.84	-	4.47	-	44,106.70

# Town of Chatham – Combining WTB – SRFs – Fiscal 2018

	Park/Rec Rev Fund	Park/Rec Donations	Dam to T Prop Ins Proceeds	Railrd Museum Rec Res Fund	Railroad Donations	Windmill Preservation	WWII Donations	Arts Lottery State Grant	Chatham Cult Council Don
<b>Revenue</b>									
Property taxes									
Motor vehicle excise									
Vessel and other excise									
Penalties and interest									
Licenses and permits									
Charges for services									
Fines and forfeitures									
Investment income									24.72
Contributions and donations		1,565.93	2,350.00	4,624.62	25.00	-	-		11,625.00
PILOT									
Departmental and other	43,779.55		-						
Intergovernmental-federal								4,400.00	
Intergovernmental-other								4,400.00	
Total revenue	43,779.55	1,565.93	2,350.00	4,624.62	25.00	-	-	4,400.00	11,649.72
<b>Expenditures</b>									
General government									
Public safety									
Education									
Public works									
Comm & econ. Development									
Health and human services									
Culture and recreation	45,349.08	833.00	14,678.15				-	7,197.00	4,003.09
Coastal Resources (Wtr.Ways)									
State and county assessments									
Total expenditures	45,349.08	833.00	14,678.15	-	-	-	-	7,197.00	4,003.09
<b>OFS/(U)</b>									
Transfers in									4,000.00
Transfers out				(3,000.00)					
Bond proceeds									
Sale of capital assets				(3,000.00)					4,000.00
Total ofs/(u)									
Net change	(1,569.53)	732.93	(12,328.15)	1,624.62	25.00	-	-	(2,797.00)	11,646.63
Fund balance - b.o.y.	65,526.41	1,910.00	15,593.15	13,574.15	9,966.96	45.00	537.14	(2,054.86)	14,440.04
Fund balance - e.o.y.	63,956.88	2,642.93	3,265.00	15,198.77	9,991.96	45.00	537.14	(4,851.86)	26,086.67

# Town of Chatham – Combining WTB – SRFs – Fiscal 2018

	State Revolv Cultural Fund	Sch Lunch Rev Fund	Ed Acc Prog AT&T	Stabilization Fund	Affordable Hsg Trust Fund	Retirement Fund	OPEB Trust	Law Enforce. Trust	Fed. Forfeit. Property
<b>Revenue</b>									
Property taxes									
Motor vehicle excise									
Vessel and other excise									
Penalties and interest									
Licenses and permits									
Charges for services		-							
Fines and forfeitures									
Investment income			83,739.95	37,284.09	31,788.16		35,036.02		27.50
Contributions and donations	-				-		-		54.00
PILOT									
Departmental and other									
Intergovernmental-federal		-							-
Intergovernmental-other	-	-	-	-	-	-	-	-	-
Total revenue	-	-	83,739.95	37,284.09	31,788.16	-	35,036.02	-	81.50
<b>Expenditures</b>									
General government									
Public safety									
Education			4,238.56						
Public works									
Comm & econ. Development									
Health and human services									
Culture and recreation									
Coastal Resources (Wtr.Ways)	676.02								
State and county assessments	-	-	-	-	-	-	-	-	-
Total expenditures	676.02	-	4,238.56	-	-	-	-	-	-
<b>OFS/(U)</b>									
Transfers in				100,000.00	100,000.00		150,000.00		
Transfers out				-					
Bond proceeds									
Sale of capital assets				100,000.00	100,000.00	-	150,000.00	-	-
Total ofs/(u)		-	-	100,000.00	100,000.00	-	150,000.00	-	-
Net change	(676.02)	-	79,501.39	137,284.09	131,788.16	-	185,036.02	-	81.50
Fund balance - b.o.y.	411.48	383.86	271,338.00	1,854,122.13	667,987.00	0.45	591,738.12	18.13	3,083.46
Fund balance - e.o.y.	(264.54)	383.86	350,839.39	1,991,406.22	799,775.16	0.45	776,774.14	18.13	3,164.96

# Town of Chatham – Combining WTB – SRFs – Fiscal 2018

	Police - Weir Bequest	Scholarship Fund	Jean Gardner	Luce Union Cemetery	Chase Seaside Cemetery	Pearl Nickerson	Mack Memorial	Community Preservation	Water Fund
<b>Revenue</b>								877,733.21	
Property taxes									
Motor vehicle excise									23,027.33
Vessel and other excise									
Penalties and interest									
Licenses and permits									2,664,775.70
Charges for services									-
Fines and forfeitures									
Investment income	63.57		36.12	8.41	176.42	19.53	134.65	26,258.22 3,316.03	
Contributions and donations									
PILOT									
Departmental and other									334,772.60
Intergovernmental-federal									
Intergovernmental-other									
Total revenue	-	63.57	36.12	8.41	176.42	19.53	134.65	182,885.00 1,090,192.46	3,022,575.63
<b>Expenditures</b>									
General government								307,743.20	
Public safety									
Education									
Public works									2,855,628.08
Comm & econ. Development									
Health and human services									
Culture and recreation									
Coastal Resources (Wtr.Ways)									
State and county assessments	-	-	-	-	-	-	-	-	-
Total expenditures	-	-	-	-	-	-	-	307,743.20	2,855,628.08
<b>Ofs/(u)</b>									
Transfers in									400,000.00
Transfers out								(100,000.00)	(251,065.00)
Bond proceeds									
Sale of capital assets									148,935.00
Total ofs/(u)	-	-	-	-	-	-	-	(100,000.00)	
Net change	-	63.57	36.12	8.41	176.42	19.53	134.65	682,449.26	315,882.55
Fund balance - b.o.y.	15,506.30	3,218.24	1,828.97	427.10	8,933.27	990.50	6,816.66	2,371,106.49	3,735,902.07
Fund balance - e.o.y.	15,506.30	3,281.81	1,865.09	435.51	9,109.69	1,010.03	6,951.31	3,053,555.75	4,051,784.62

## Town of Chatham – Balance Sheet June 30, 2018 – Capital Projects – General

### ASSETS

Cash	(4,060,870.39)
Notes Receivable	<u>16,167,110.84</u>
 Total Assets	 <u><u>12,106,240.45</u></u>

### FUND EQUITIES

Warrants Payable	83,961.42
BANS Payable	3,863,200.00
Interim Notes Payable-MWPAT	16,167,110.84
Fund Equities:	
Land Acquisition Kolb Property	331.12
Land Acquisition Eldredge Garage	(2,497,806.84)
Community Center	-
Fire Station Mitigation	261,449.89
Fire Station	(407,082.89)
PD Annex	930.70
Main Street Reconstruction	65,867.82
School Building Project Art9 STM 11/95	191.75
Road Projects	(146,852.50)
El Street/Skyway Road	-
Wastewater	(5,285,060.86)
Total Fund Equities	<u>(8,008,031.81)</u>
 Total Liabilities & Fund Equities	 <u><u>12,106,240.45</u></u>

## Town of Chatham – Balance Sheet June 30, 2017 – Capital Projects – Water

### ASSETS

Cash	(2,012,465.80)
MWPAT Notes Receivable	<u>4,610,699.00</u>
 Total Assets	 <u><u>2,598,233.20</u></u>

### LIABILITIES & FUND EQUITIES

Liabilities:	
Warrants Payable	2,251.50
Notes Payable	<u>4,610,699.00</u>
 Total Liabilities	 4,612,950.50
Fund Equities:	
Chemical Feed Building	112,022.28
Iron Removal Treatment Facilities	(2,128,795.71)
Town Forest Pump House	23,332.44
Supply Well	9,540.96
Water Mains	17,957.73
Water Standpipe	(48,775.00)
 Total Fund Equities	 (2,014,717.30)
 Total Liabilities & Fund Equities	 <u><u>2,598,233.20</u></u>

# Town of Chatham – Balance Sheet June 30, 2018 – Water Fund

## ASSETS

Cash		4,093,280.70
Water Rate Liens	7,311.81	
Water Rate Liens Committed Interest	1,332.54	
2010 & Prior Water Rates Receivable	-1,458.15	
2011 Water Rates Receivable	5,418.68	
2012 Water Rates Receivable	-10,152.59	
2013 Water Rates Receivable	2,480.61	
2014 Water Rates Receivable	26,221.94	
2015 Water Rates Receivable	-19,474.97	
2016 Water Rates Receivable	27,778.50	
2017 Water Rates Receivable	45,093.71	
2018 Water Rates Receivable	160,700.51	
2010 & Prior Miscellaneous Water	-1,678.19	
2011 Miscellaneous Water	-2,147.23	
2012 Miscellaneous Water	-296.23	
2013 Miscellaneous Water	1,804.94	
2014 Miscellaneous Water	3,468.80	
2015 Miscellaneous Water	-547.37	
2016 Miscellaneous Water	914.74	
2017 Miscellaneous Water	621.59	
2018 Miscellaneous Water	7,949.71	
		255,343.35
Apportioned Leases Receivable		1,614,155.51
Total Assets		<u>5,962,779.56</u>

## LIABILITIES & FUND EQUITIES

Liabilities:		
Warrants Payable		41,461.08
Due to General Fund		(360.97)
Deferred Revenue Water Receivables		255,739.32
Deferred Revenue Apportioned Leases		1,614,155.51
Total Liabilities		1,910,994.94
Fund Equities:		
Reserve for Encumbrances		214,425.21
Reserve for expenditure		1,915,000.00
Unreserved Fund Equity		<u>1,922,359.41</u>
Total Fund Equities		4,051,784.62
Total Liabilities & Fund Equities		<u><u>5,962,779.56</u></u>

# **Town of Chatham – Water Fund Appropriations & Expenditures – Year Ended June 30, 2018**

Description	Balance July 1, 2017	Water & Tax Rates	Water Surplus	Original Budget	Final Budget	Expenditures and encumbranc	Budget Variance	Closed to Revenue	Balance 30-Jun-17
Salaries	0.00	179,844.00	-8,664.96	171,179.04	171,179.04	152,751.23	18,427.81	18,427.81	0.00
Expenses			8,664.96	1,674,854.96	1,674,854.96	1,650,354.96	24,500.00	0.00	24,500.00
Prior encumbrances	9,996.00	0.00		9,996.00	9,996.00		9,996.00	9,996.00	0.00
To General Fund							0.00		
Debt Service:									
Principal	0.00	592,500.00		592,500.00	592,500.00	626,353.12	-33,853.12	-33,853.12	0.00
Interest - Long-term	0.00	184,573.00		184,573.00	184,573.00	129,639.62	54,933.38	54,933.38	0.00
Interest - Short-term	0.00	100,000.00		100,000.00	100,000.00		100,000.00	100,000.00	0.00
Special Revenue Fund:									
Articles:									
Art 10 5/09 Water Storage Tank	20,363.88			20,363.88	20,363.88	1,357.27	19,006.61	0.00	19,006.61
Art 15 & STM Art 3 Water Meters (AMR)	217,982.15		0.00	217,982.15	217,982.15	217,982.15	0.00	0.00	0.00
Art 11 ATM 5/10 Water Storage Tanks	3,514.73			3,514.73	3,514.73	3,514.73	0.00	0.00	0.00
Art 8, 5/96 - Monitor Groundwater	6.49			6.49	6.49		6.49	6.49	0.00
Art 8, ATM 5/99 - Training Field Well Grndwtr Mon	3,846.71			3,846.71	3,846.71		3,846.71	0.00	3,846.71
Art 11, ATM 5/13 - Iron Treatment Plant OPM	0.00			0.00	0.00		0.00	0.00	0.00
Art 12, ATM 5/13 - Emergency Generators Wells	19,150.00			19,150.00	19,150.00	4,675.00	14,475.00	0.00	14,475.00
Art 13, ATM 5/13 - Asset Management System	9,100.00			9,100.00	9,100.00		9,100.00	0.00	9,100.00
Art 3, STM 1/02 - Water Capital Supplement	28,678.20		80,000.00	108,678.20	108,678.20		108,678.20	0.00	108,678.20
Art 6, ATM Vulnerability Assessment	3,818.69		100,000.00	103,818.69	103,818.69	69,000.00	34,818.69	0.00	34,818.69
	<u>316,456.85</u>	<u>2,723,107.00</u>	<u>180,000.00</u>	<u>3,219,563.85</u>	<u>3,219,563.85</u>	<u>2,855,628.08</u>	<u>363,935.77</u>	<u>149,510.56</u>	<u>214,425.21</u>

# Town of Chatham – Balance Sheet June 30, 2018 – Trust Funds

ASSETS		
Restricted Cash	609,315.94	
Reynard Stocks	9,990.75	
Reynard Stocks	26,024.93	
Westgate Stocks		
Expendable Cash	<u>3,735,839.20</u>	
Total Assets		<u><u>4,381,170.82</u></u>
LIABILITIES & FUND EQUITIES		
Liabilities:		
Warrants Payable	3,016.59	
Total Liabilities		3,016.59
Fund Equities:		
Non-Expendable Trust Funds:		
Reynard Principal	36,015.68	
Westgate Principal	137,834.73	
Perpetual Care Principal	435,930.00	
Spurling Principal	1,000.00	
Arey Principal	200.00	
Lincoln Principal	2,000.00	
Bearse Principal	250.00	
Briggs Principal	2,000.00	
Cox Railroad Principal	5,087.00	
Chase Park Principal	22,514.21	
Wm. Nickerson Principal	<u>2,500.00</u>	
Total Non-Expendable Fund Equities		645,331.62
Expendable Trust Funds:		
Stabilization	1,991,406.22	
Affordable Housing Trust	799,775.16	
Retirement	0.45	
OPEB Trust	776,774.14	
Law Enforcement	18.13	
Federally Forfeited Property	3,164.96	
Police Bequest	15,506.30	
Reynard	66,353.21	
Westgate	10,240.34	
Scholarship	3,281.81	
Perpetual Care	12,714.63	
Spurling	1,802.18	
Arey	941.53	
Lincoln	5,467.39	
Bearse	773.51	
Briggs	2,743.20	
Gardner	1,865.09	
Luce Union	435.51	
Chase Seaside	9,109.69	
Pearl Nickerson	1,010.03	
Chase Park	17,054.98	
Mack Memorial	6,951.31	
Wm Nickerson	1,810.85	
Cox Railroad Museum	<u>3,621.99</u>	
Total Expendable Fund Equities		<u><u>3,732,822.61</u></u>
Total Liabilities & Fund Equities		<u><u>4,381,170.82</u></u>

# Town of Chatham – Balance Sheet June 30, 2018 – Agency Funds

## ASSETS

Cash	684,955.84
Police Special Details	-
Meal tax	-
	<u>684,955.84</u>

## LIABILITIES

Warrants Payable	20,908.67
Fish & Game Licenses	(507.00)
Medical Insurance Refunds	1,669.02
MA Firearms Permits	4,662.50
Sales tax	(21.53)
Police Detail	(40,478.48)
Fire Detail	(11,091.94)
Main St School Special Details	2,813.56
Strong Island Detail	100.00
North Beach ORV Surcharge	6,552.00
Least Tern Mitigation	(9,200.00)
Stage Harbor Pier	2,137.50
Agency Interest	14,990.87
Guarantee Deposits - Planning Board	158,642.42
Guarantee Deposits - Signs	485.00
Guarantee Deposits - Water	20,755.28
Guarantee Deposits - Miscellaneous	18,438.90
Guarantee Deposits - Roads	6,650.00
Guarantee Deposits - Sewer	-
Guarantee Deposits - COA	1,528.39
Watershed Land Eminent Domain	3,228.90
Peoples Cemetery	8,661.04
Conservation Land	48,351.55
Goose Pond Land	39,856.34
Wordell Land Escrow	2,733.90
Eldredge Lot 11	159,651.33
Eldredge Lot 23	63,860.93
Eldredge Lot 19	24,417.42
Finast Seafood	197.48
Marder Trawling	3,000.00
CodCommunications	124,797.17
Deputy Collector Fees	7,164.62
 Total Liabilities	 684,955.84

## Town of Chatham – Balance Sheet June 30, 2018 – Enterprise Fund

ASSETS	
Cash	274,865.07
Total Assets	<u>274,865.07</u>
LIABILITIES & FUND EQUITIES	
Liabilities:	
Warrants Payable	-
Total Liabilities	-
Fund Equities:	
Unreserved Fund Equity	274,865.07
Total Fund Equities	274,865.07
Total Liabilities & Fund Equities	<u>274,865.07</u>

## Town of Chatham – Balance Sheet June 30, 2018 – Debt – Water

ASSETS	
Amounts to be Provided for Payment of Bonds	3,927,100.00
Loans Authorized	2,888,185.00
	<u>6,815,285.00</u>
LIABILITIES	
Bonds Payable:	
WaterMains (11, 01)	472,100.00
Town Forest Pump House	327,500.00
Water Standpipe	327,500.00
Chemical Feed Building	320,000.00
Well and Pump Station	335,000.00
Water Mains	685,000.00
Water Standpipe	49,000.00
Well and Pump Station	247,500.00
Water Mains USDA	387,500.00
Well Exploration	50,000.00
Water (Iron) Treatment Plant	280,000.00
Water Mains	190,000.00
Water Mains	50,000.00
Water Standpipe	60,000.00
Water Mains	<u>146,000.00</u>
	3,927,100.00
Loans Authorized & Unissued	<u>2,888,185.00</u>
Total Liabilities	<u>6,815,285.00</u>

**Town of Chatham** – *Revenues, Expenditures & Changes in Fund Equity – General Fund*  
*Year Ended June 30, 2018*

Revenues	
Real Estate Taxes	32,830,379.75
Personal Property Taxes	223,434.21
Tax Liens-Redeemed	199,568.07
Deferred Real Estate Receipts	-
Local Receipts (see budget/actual)	10,105,029.92
State Receipts (see budget/actual)	<u>1,143,686.00</u>
Total Revenues	44,502,097.95
Expenditures:	
See Appropriation & Expenditure schedule	41,596,637.11
State and County Expenditures	<u>751,526.00</u>
Total Expenditures	42,348,163.11
Revenues over (under) Expenditures	2,153,934.84
Other Financing Sources and Uses:	
Transfer in from Special Revenue Funds	1,117,870.00
Transfer in from Capital Projects Fund	
Transfer in from Water Fund	251,065.00
Transfer in from Trust Funds	1,000.00
Transfer out to Trust Funds	(250,000.00)
Transfer out to Capital Project Fund	
Transfer out to Special Revenue Fund	(37,723.00)
Transfer out to Water Fund	(400,000.00)
Total Other Financing Sources and Uses	682,212.00
Revenues and Other Financing Sources over (under)	
Expenditures and Other Financing Uses	2,836,146.84
Fund Equity Beginning of Year	11,672,318.83
Fund Equity End of Year	14,508,465.67

# **Town of Chatham – Transfer Schedule – Year Ended June 30, 2018**

<u>Source</u>	<u>General Fund</u>	<u>SRF Town</u>	<u>SRF School</u>	<u>CPF General</u>	<u>CPF Water</u>	<u>Water Fund</u>	<u>Trust Funds</u>	<u>Total</u>
Waterways Improvement	275,000.00	-275,000.00						0.00
Land Bank	803,870.00	-803,870.00						0.00
Shellfish Revolving	0.00	0.00						0.00
Wetlands Protection Fund	10,000.00	-10,000.00						0.00
Cemetery Sale of Lots	1,000.00	-1,000.00						0.00
Railroad Museum	3,000.00	-3,000.00						0.00
PEG Access Funds	25,000.00	-25,000.00						0.00
Insurance Proceeds								0.00
Perpetual Care	1,000.00						-1,000.00	0.00
Stabilization	0.00						0.00	0.00
Water Overhead	251,065.00				0.00	-251,065.00		0.00
<b>Subtotal</b>	<b>1,369,935.00</b>	<b>-1,117,870.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>-251,065.00</b>	<b>-1,000.00</b>	<b>0.00</b>
Pleasant Bay Alliance	-33,723.00	33,723.00						0.00
Cultural Council	-4,000.00	4,000.00					0.00	0.00
Agency Fund- Sch Custodian	0.00						0.00	0.00
Agency Fund- Meals tax	0.00							0.00
Capital Projects								0.00
Affordable Housing Trust Fund		-100,000.00					100,000.00	0.00
Stabilization/OPEb	-250,000.00						250,000.00	0.00
Water Tax Rate Subsidy	<u>-400,000.00</u>					<u>400,000.00</u>		<u>0.00</u>
<b>Subtotal</b>	<b>-687,723.00</b>	<b>-62,277.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>400,000.00</b>	<b>350,000.00</b>	<b>0.00</b>

# Town of Chatham – State Local Receipts – Budget vs. Actual – Year Ended June 30, 2018

	<u>Budget</u>	<u>Actual</u>	Budget Savings (Deficiency)
Local Receipts:			
Motor Vehicle Excise	985,000.00	1,364,324.00	379,324.00
Hotel/Motel Excise	1,185,000.00	1,375,609.00	190,609.00
Local Meals Tax	400,000.00	441,541.00	41,541.00
Boat Excise	-	38,604.00	38,604.00
Penalties & Interest	120,000.00	237,230.00	117,230.00
Rollback Taxes		44,717.00	44,717.00
P.I.L.O.T.S.	20,000.00	61,415.00	41,415.00
Charges for service-sewer	425,000.00	499,965.00	74,965.00
Charges for service-trash	900,000.00	1,035,666.00	135,666.00
Other Revenue	550,000.00	689,259.00	139,259.00
Fees	175,000.00	109,244.00	(65,756.00)
Rentals	125,000.00	141,215.00	16,215.00
Park & Rec Charges	450,000.00	492,622.00	42,622.00
Other Dept. Revenue	50,000.00	56,864.00	6,864.00
Licenses & Permits	700,000.00	829,113.00	129,113.00
Special Assessments	40,000.00	47,404.00	7,404.00
Fines & Forfeits	40,000.00	42,149.00	2,149.00
Investment Income	30,000.00	139,839.00	109,839.00
Miscellaneous Revenue	2,500.00	2,020.00	(480.00)
E Rate School telephone reimb		-	
Non Miscellaneous Rev.	203,379.00	2,440,311.00	2,236,932.00
Medicaid Reimbursement	-	-	-
<b>Total Local</b>	<b>\$ 6,400,879.00</b>	<b>\$ 10,089,111.00</b>	<b>\$ 3,688,232.00</b>
State Receipts:			
School aid CH 70	-	-	-
School transportation			-
Charter School Assess. Reimb.	-	-	-
Charter School Capital Facility			-
Quinn bill	-	-	-
Exemptions-Vets, Blind & Elderly			
Unrestricted General aid	150,347.00	150,347.00	-
Veterans Benefits	13,374.00	11,918.00	(1,456.00)
Exemptions-Vets, Blind & Elderly	32,284.00	29,809.00	(2,475.00)
<b>Total State</b>	<b>\$196,005.00</b>	<b>\$ 192,074.00</b>	<b>\$ (3,931.00)</b>
<b>Total Local &amp; State</b>	<b>\$ 6,596,884.00</b>	<b>\$ 10,281,185.00</b>	<b>\$ 3,684,301.00</b>

## Town of Chatham – Balance Sheet June 30, 2018 – Debt – General

### ASSETS

Amounts to be Provided for Payment of Bonds	68,747,806.34	
Loans Authorized	46,047,868.00	
Total Assets		<u>114,795,674.34</u>

### LIABILITIES

Bonds Payable:		
School Construction (9, 11/95)	560,000.00	
Fire Station Construction	8,590,000.00	
Community Center 11-03	246,000.00	
Land Acquisition- Abreu	781,000.00	
MWPAT Bond Sewer Betterments	52,707.18	
Landfill Closure	60,000.00	
Community Center	3,296,600.00	
DPW Facility	1,242,950.00	
PD/Annex Town Offices	49,000.00	
McCoy Land Acquisition	426,000.00	
Mill Hill Road Land Acquisition	287,000.00	
Road Betterments (Northgate)	10,000.00	
Wastewater Treatment (w/ARRA forgiveness) 2916	1,596,861.00	
Wastewater Treatment Facility (cws 09-16) 2917	2,173,065.00	
Wastewater USDA (2945)	1,477,488.00	
Wastewater USDA (2946)	18,085,182.00	
Wastewater (CWS09-16-A) 2948	5,930,652.00	
Wastewater CW 13-10 (2/11/16) 2949	3,006,993.00	
Wastewater MWPAT (CW09-17) 2918	1,753,300.16	
Wastewater Art 13 ATM 5/8/06 (2933)	570,000.00	
Wastewater Art 14 ATM 5/11/09 (2938)	2,040,000.00	
Wastewater Pool 18 CW12-21 (2920)	3,278,008.00	
PD/Annex Town Offices	11,380,000.00	
PD/Annex Supplemental	855,000.00	
Land Purchase-Edson	300,000.00	
Roads, Sidewalk and Bike Path	640,000.00	
Road Betterments (Ell Str & Skyway)	60,000.00	
 Total Bonds Payable		68,747,806.34
 <b>Loans Authorized &amp; Unissued</b>		<u>46,047,868.00</u>
Total Liabilities		<u>114,795,674.34</u>

## Town of Chatham – 2018 Annual Wages

Name	Position	Regular	Overtime	Longevity	Details	Other	Total
<b>TOWN MANAGER</b>							
Goldsmith, Jill R	Town Manager	178,917.23				1,300.00	180,217.23
Nealy, Shanna E	Admin Assistant 3	62,761.20		600.00			63,361.20
<b>HUMAN RESOURCES</b>							
Douglass, Jillian Dorothy	Director Human Resources	91,138.35					91,138.35
Preston, Annette M	Admin Assistant 1	16,688.22					16,688.22
<b>FINANCE -ACCOUNTING</b>							
Heilala, Alexandra H	Director Finance	124,823.60		350.00		3,666.80	128,840.40
Serijan, Cheryl L	Assistant Town Accountant	78,229.20		250.00			78,479.20
Hodgdon, Jacqueline	Accounting Clerk	7,053.20	198.38				7,251.58
Pavlakis, Christian P	Accounting Clerk Intern	304.50					304.50
Canyon, Kellee River	Recording Secretary	734.16					734.16
<b>FINANCE - ASSESSORS</b>							
Kelley, Ardelle P	Assessor	88,338.96					88,338.96
Cook, Candace	Assistant Assessor	56,016.32		700.00			56,716.32
Nahas, Jon	Assessor Clerk	15,141.98				1,333.80	16,475.78
Taylor, Melanie	Assessor Clerk	40,211.08	620.75				40,831.83
<b>FINANCE - TREASURER/COLLECTOR</b>							
Drown, Sharon	Treasurer	76,201.76					76,201.76
Chmura, Marie A	Assistant Treasurer	65,454.00					65,454.00
Roberts, Marissa	Collections Assistant	42,627.83					42,627.83
Redfield, Louise A	Treasurer	450.50					450.50
<b>INFORMATION TECHNOLOGY</b>							
Rowe, Craig	Director IT	100,482.40		250.00			100,732.40
Cuddy, James	Manager IT	76,239.20		1,800.00		1,439.60	79,478.80
<b>CHANNEL 18</b>							
Darmon, Ryan P	Media Coordinator	66,575.66		550.00			67,125.66
van Bork, Mark	Asst Media Coordinator	28,847.70	103.14				28,950.84
DeTraglia, Brandon E	Asst Media Coordinator	5,787.60				2,330.98	8,118.58
Fernandes, Jack W	Media Assistant	389.34					389.34
Hamilton, Matthew W	Media Assistant	646.62					646.62
<b>TOWN CLERK</b>							
Smith, Julie S	Town Clerk	77,948.03		1,900.00			79,848.03
Tobin, Paula A	Assistant Town Clerk	54,969.60	1,698.48	1,300.00			57,968.08
<b>PERMIT OFFICE</b>							
Ellingham, Frances J	Office Clerk	15,081.55				507.36	15,588.91
Desmond, Mark J	Permit Clerk	6,377.50					6,377.50
Fleischmann, Susan W	Permit Clerk	8,881.39					8,881.39
<b>CONSERVATION</b>							
Harper, Caroline J	Conservation Agent	34,988.40					34,988.40
Edson, Molly T	Conservation Agent	14,937.60				589.41	15,527.01
Wightman, Paul C	Asst Conservation Agent	61,207.84					61,207.84
Fougere, Mary M	Secretarial/Clerical	49,002.80	6,609.78	1,300.00			56,912.58
<b>PRINCIPAL PROJECTS AND OPERATION</b>							
Whalen, Terence M	Prin Proj & Ops Admin	104,149.60		800.00		3,554.64	108,504.24
Norris, Deborah H	Recording Secretary					1,069.78	1,069.78
<b>FACILITIES</b>							
Dutcher, Tucker A	Facilities Superintendent	52,205.20	1,806.36			183.30	54,194.86
Deveau, Brian J	Buildings & Grounds Maint	44,828.28	3,380.93			158.62	48,367.83
Chambers, Jeffery L	Lead Custodian	46,735.60	15,142.31			48.78	61,926.69
Custodie, John	Custodian	6,912.00					6,912.00
Kenlyn, Jerome	Custodian	40,442.65	19,252.23			42.19	59,737.07
Rogers, Mary J	Custodian	48,238.80	102.87	900.00			49,241.67
<b>POLICE DEPARTMENT</b>							
Pawlina, Mark R	Police Chief	170,734.74				3,177.50	173,912.24

## Town of Chatham – 2018 Annual Wages

Name	Position	Regular	Overtime	Longevity	Details	Other	Total
<b>POLICE DEPARTMENT</b>							
Anderson, Michael D	Deputy Police Chief	96,632.40		1,700.00	47,129.09	25,088.15	170,549.64
Cauble, John D	Deputy Police Chief	81,753.28		4,000.00		37,493.40	123,246.68
Boutin, Melanie A	Admin Assistant 3	56,941.60		700.00			57,641.60
Goddard, Andrew B	Police Lieutenant	81,727.98	36,078.64	1,600.00	3,421.63	19,674.54	142,502.79
Glover III, William R	Police Sergeant	79,895.34	77,763.27	2,000.00	58,709.72		218,368.33
Harris, Sarah A	Police Sergeant	80,424.70	35,607.28	1,300.00	27,066.02	21,395.54	165,793.54
Massey, William G	Police Sergeant	80,413.82	43,669.49	800.00	10,559.53	19,675.54	155,118.38
Amara, Joseph A	Police Officer	58,135.17	12,803.35		45,270.88	5,940.00	122,149.40
Hutton, Andrew P	Police Officer	67,457.78	2,555.06	600.00	1,352.14		71,964.98
Little, William S. J	Police Officer	68,316.34	23,265.03	1,000.00	92,203.03	15,080.82	199,865.22
Malzone, Louis F	Police Officer	70,968.98	27,618.82	700.00	846.84	17,987.77	118,122.41
Merigan, Christopher R	Police Officer	2,822.26	18,772.04		47,954.97	8,720.00	138,269.27
Murphy, Michael A	Police Officer	68,316.34	41,863.89	800.00	48,997.15	16,149.58	176,126.96
Naylor, Gregory	Police Officer	19,121.70	2,566.37		18,514.30		40,202.37
Pasioneck, Mark R	Police Officer	59,668.25	12,186.84		52,921.86	940.00	125,716.95
Phillips, Geoffrey E	Police Officer	68,469.00	10,047.36	500.00	1,208.00	17,487.77	97,712.13
Powers, Thomas J	Police Officer	68,316.36	14,502.34	500.00	52,730.68	16,360.19	152,409.57
Ryder, Sean P	Police Officer	68,316.36	31,414.64	425.00	39,687.87	17,243.94	157,087.81
Vardakis, Christopher P	Police Officer	62,332.69	29,057.84		3,892.28	1,220.00	96,502.81
Whittle, John R	Police Officer	67,457.76	15,592.29	2,000.00	88,180.08	856.25	174,086.38
Wisniewski, Joshua S	Police Officer	67,707.70	19,071.35	700.00	56,383.23	2,437.50	146,299.78
Finacom, Robert P	Reserve Police Officer	4,685.12	1,672.40		86,809.24		93,166.76
Cahoon, Jennifer L	Police Dispatcher	6,552.00					6,552.00
Carran, Jessica L.	Police Dispatcher	4,200.00	252.00				4,452.00
Casale, Matthew J	Police Dispatcher	26,823.99	7,751.75				34,575.74
Cronin, Brendan J	Police Dispatcher	28,715.84	10,299.25		17,975.00	1,702.08	58,692.17
Hemeon, Erin C	Police Dispatcher	57,372.18	19,204.42	425.00		73.33	77,074.93
Orvis IV, Paul W	Police Dispatcher	8,829.29	767.77			307.42	9,904.48
Reynolds, Rhiannon	Police Dispatcher	45,495.70	7,159.09				52,654.79
<b>ANIMAL CONTROL</b>							
Byers, Diane M	Animal Control Officer	46,620.47	2,008.32				48,628.79
<b>EMERGENCY MANAGEMENT</b>							
Kondratowicz, John T	Emergency Manager	6,896.55					6,896.55
<b>FIRE DEPARTMENT</b>							
Connick, Peter E	Fire Chief	125,747.86				8,735.64	134,483.50
Depasquale, David M	Deputy Fire Chief	98,593.27		1,700.00		8,889.76	109,183.03
Heller, Mark R	EMS Coordinator	83,831.50	19,437.76	900.00	444.71	7,900.00	112,513.97
Shevory, Richard	Fire Inspector	83,831.50	31,232.65	800.00	2,791.84	5,000.00	123,655.99
Flynn, Matthew R	Fire Captain	3,005.87	1,556.49		857.66	20,383.56	25,803.58
Higgins, Mark A	Fire Captain	83,831.50	43,724.64	1,000.00	2,063.36	8,977.94	139,597.44
Wirtz, Wallace F. N	Fire Captain	83,077.96	43,016.41	1,700.00	2,118.91	7,900.00	137,813.28
Clarke, Ryan	Fire Lieutenant	75,823.62	38,695.15	600.00	1,474.03	7,900.00	124,492.80
Ready, David	Fire Lieutenant	83,156.41	37,126.03	2,000.00	466.35	7,325.00	130,073.79
Silvester, Ralph	Fire Lieutenant	79,146.83	65,926.94	800.00	1,568.30	9,175.00	156,617.07
Smith, Gerard C	Fire Lieutenant	76,371.94	18,438.09	1,100.00	834.15	6,069.20	102,813.38
Tavano, Justin T	Fire Lieutenant	75,865.66	39,076.96	700.00	2,234.12	5,000.00	122,876.74
Bates, Vance	Fire Fighter	71,043.48	16,053.76	800.00	1,795.75	6,100.00	95,792.99
Black, Nicholas W	Fire Fighter	9,506.31	821.12		667.07	5,998.18	16,992.68
Bono, Joseph D	Fire Fighter	55,022.65	25,077.66		1,070.26	7,900.00	89,070.57
Delande, William A	Fire Fighter	71,043.48	44,679.96	1,300.00	2,365.86	7,373.67	126,762.97
Field, William RC	Fire Fighter	68,907.74	19,641.26	250.00	2,323.48	6,500.00	97,622.48
Fietz, Harrison R	Fire Fighter	61,655.08	29,280.24		2,783.01	6,875.00	100,593.33
Henderson, Stacey A	Fire Fighter	71,043.48	25,195.74	1,000.00	1,491.81	7,900.00	106,631.03
Holmes, Ryan C	Fire Fighter	73,854.22	44,571.81	900.00	2,748.82	5,053.32	127,128.17
Hunter, Timothy J	Fire Fighter	71,043.48	31,346.77	1,000.00	2,286.61	6,125.00	111,801.86
Johnson, Bretten	Fire Fighter	30,969.24	7,066.24			3,708.33	41,743.81
Karter, Seth E.	Fire Fighter	59,116.35	30,292.83		992.25	6,100.00	96,501.43
Long, Scott A	Fire Fighter	71,043.48	36,831.20	800.00	2,715.74	7,215.58	118,606.00
Lopriore, Michael R	Fire Fighter	61,196.26	16,376.03		2,339.18	7,125.00	87,036.47
McGrath, Rachel S	Fire Fighter	61,452.00	20,108.82		540.78	7,150.00	89,251.60
Moore, Kevin J	Fire Fighter	71,043.48	26,829.92	1,700.00	1,538.27	4,473.67	105,585.34
Pelkey, Nicholas J	Fire Fighter	58,782.48	20,694.27		1,419.68	6,100.00	86,996.43
Ruggiere, Nicholas P	Fire Fighter	69,895.05	29,303.96	350.00	2,523.12	7,722.16	109,794.29
Young, James A	Fire Fighter	65,676.96	15,597.91		1,498.28	4,175.00	86,948.15

## Town of Chatham – 2018 Annual Wages

Name	Position	Regular	Overtime	Longevity	Details	Other	Total
<b>COMMUNITY DEVELOPMENT</b>							
Donovan, Kathleen	Dir. Comm Development	109,023.84					109,023.84
Sabatino, Alyxandra K	Principal Planner	83,041.20					83,041.20
Briggs, Jay	Building Commissioner	83,675.28					83,675.28
Caruso, Kristen M	GIS Coordinator	78,275.36					78,275.36
Flores, Richard A	Local Building Inspector	30,758.40					30,758.40
Chandler, Jeffrey S	Local Building Inspector	20,694.88				994.38	21,689.26
Clark, Sarah B	Central Permit Coord	67,004.18		500.00			67,504.18
Clarke, Michele A	Office Manager	62,822.40		700.00			63,522.40
McManus, George F	Electrical Inspector	30,892.56		700.00			31,592.56
Bassett, Christina A	Secretarial/Clerical	44,554.58					44,554.58
Pedicini, Kyle	Secretarial/Clerical	26,935.35	1,228.80			323.88	28,488.03
Kilkenny, Chantel C	Department Secretary	4,102.65					4,102.65
Drake, Leanne Marie	Office Clerk	610.00					610.00
<b>HARBORMASTER</b>							
Smith, Stuart F	Harbormaster	104,149.60		2,000.00		1,974.80	108,124.40
Holm, Jason B	Deputy Harbormaster	62,609.60					62,609.60
Rocanello, Susan K	Office Manager	72,634.40	518.51	1,500.00			74,652.91
Ryder, Michael D	Coastal Fac Mgr Whrfinger	49,007.20	3,042.78				52,049.98
Byrnes, Robert J	Assistant Harbormaster	5,993.75					5,993.75
Clifford, Joel D.	Assistant Harbormaster	5,856.50	6.38				5,862.88
Connell, Sean	Assistant Harbormaster	4,235.38					4,235.38
Hussey, Matthew D	Assistant Harbormaster	6,895.75	83.25				6,979.00
McGlynn, Shawn F	Assistant Harbormaster	1,798.00					1,798.00
O'Neill, Shane	Assistant Harbormaster	5,181.00	49.50				5,230.50
Ready, Margaret A	Assistant Harbormaster	7,145.50					7,145.50
Schneider, Bruce W	Assistant Harbormaster	6,290.00					6,290.00
Summers, John B	Assistant Harbormaster	9,472.00	27.75				9,499.75
Woods, Christopher J	Assistant Harbormaster	11,376.75	495.01				11,871.76
Horne, James M	Marine Operations Supervr	13,490.00	1,770.00				15,260.00
Deeg, Thomas J	EMT-Boat Crewmember	6,498.00	81.00				6,579.00
Ricotta, Stephen B	EMT-Boat Crewmember	4,466.25					4,466.25
Shadan, Joshua A.	EMT-Boat Crewmember	2,068.00					2,068.00
<b>COASTAL RESOURCES</b>							
Keon, Theodore L	Dir Coastal Resources	78,060.00		1,500.00		2,072.00	81,632.00
Gagne, Renee D	Shellfish Constable	74,612.96		300.00		1,408.00	76,320.96
Hutchinson, Rachel C	Shellfish Prop Specialist	64,289.76		250.00			64,539.76
Dobbins, Mark P	Assistant Shellfish Con	376.00					376.00
Felix, Allyson K	Assistant Shellfish Con	992.00					992.00
Hahner, Jeffrey	Assistant Shellfish Con	1,812.00					1,812.00
Hogan, Peter	Assistant Shellfish Con	2,345.38					2,345.38
Hojnoski, Janine A	Assistant Shellfish Con	360.00					360.00
Kolb, Peter C	Assistant Shellfish Con	5,332.00					5,332.00
McGee, Dennis P	Assistant Shellfish Con	5,008.39					5,008.39
Otton, Patrick W	Assistant Shellfish Con	503.75					503.75
Ryder, Robert S	Assistant Shellfish Con	1,344.00					1,344.00
Sampson, Lawrence W	Assistant Shellfish Con	9,181.00	19.13				9,200.13
Sandri, Patricia G.	Assistant Shellfish Con	1,150.90					1,150.90
Doane, Shannon R	Shellfish Prop Dep Warden	3,164.25					3,164.25
Higgins, Andrea Lee	Shellfish Prop Dep Warden	2,474.00					2,474.00
Machie, Susan J	Shellfish Prop Dep Warden	810.00					810.00
Phillips, Suzanne	Lead Shore Bird Monitor	17,206.75					17,206.75
Olson, Thomas A	Beach Patrol	12,567.13					12,567.13
Nahass, Paul William	Town Landing Officer	1,942.50					1,942.50
St. Pierre, Donald	Herring Warden					750.00	750.00
<b>PUBLIC WORKS</b>							
Temple, Thomas P	Director of Public Works	131,216.00				1,990.40	133,206.40
White Jr, Paul L	Highway Foreman	72,634.40	16,645.02	2,000.00		361.52	91,640.94
Pelletier, Joshua D	Transfer Supervisor	61,315.68	26,217.82			289.40	87,822.90
Jones, Pamela J	Admin Assistant 1	58,415.20	7,117.58	800.00		1,330.38	67,663.16
Zingarelli, Patricia A	Department Secretary	42,078.33	4,771.40			159.46	47,009.19
Friend, Kenneth M	Mechanic	62,822.40	2,952.20	2,000.00		312.69	68,087.29
Corres, Richard	Spec Equipment Operator	39,782.80	2,936.79			193.29	42,912.88
Friend Jr, Gerald N	Spec Equipment Operator	58,415.20	3,858.45	800.00		290.75	63,364.40

## Town of Chatham – 2018 Annual Wages

Name	Position	Regular	Overtime	Longevity	Details	Other	Total
<b>PUBLIC WORKS</b>							
Gates, Brian G	Spec Equipment Operator	60,696.11	4,784.29	1,500.00		290.75	67,271.15
Laurie, David	Sr Equip/Machine Operator	62,815.36	2,318.21	1,000.00		59.56	66,193.13
Leavenworth, Steven T	Sr Equip/Machine Operator	62,822.40	10,652.83	1,800.00		297.80	75,573.03
Lusher, David M	Sr Equip/Machine Operator	45,541.12	12,624.32			181.92	58,347.36
Yethman, Richard O	Sr Equip/Machine Operator	51,148.24	7,501.85			227.40	58,877.49
Doane, Matthew R.	Gate Attendant	10,669.77	222.48				10,892.25
Gardner, Cameron W	Gate Attendant	9,492.48	1,251.45				10,743.93
Underwood, Jennifer L	Gate Attendant	27,799.82	204.52	250.00		2,646.74	30,901.08
Powers, Brian L	Senior Laborer	54,361.60	3,265.73	800.00		270.59	58,697.92
Beaghen, Jonathan S	Laborer	5,184.00					5,184.00
Gray, Damaine	Laborer	18,716.13	6,910.81				25,626.94
Hopkins, Gregory M	Laborer	7,722.00					7,722.00
Nickerson Jr, Crayton S	Sr Tax Program	9,716.00				612.00	10,328.00
<b>PUBLIC WORKS - SNOW REMOVAL</b>							
Davis, David G	Laborer		870.00			140.00	1,010.00
Davis, David M	Snow Removal		1,185.00			320.00	1,505.00
Lucarelli, Maxwell S	Snow Removal		495.00			60.00	555.00
Peter, Richard V	Snow Removal		390.00				390.00
Porter, Richard S	Snow Removal					180.00	180.00
Proudfoot, John	Snow Removal		2,161.50			506.00	2,667.50
<b>CEMETERY</b>							
Shippelhute, Debra	Department Secretary	17,591.12					17,591.12
<b>NATURAL RESOURCES</b>							
Duncanson, Robert A	Dir Natural Resources	129,532.00		2,000.00		491.20	132,023.20
Giorgio, Judith	Health Agent	79,939.20		900.00		1,439.60	82,278.80
Langlois, Dianne E	Secretarial/Clerical	49,002.80	3,892.24	2,000.00			54,895.04
Ward, Steven J	Health Inspector	20,935.92					20,935.92
Griscom, Sarah B	Environmental Technician	7,329.96					7,329.96
Ryan, Ann P.	Recording Secretary	8,273.66					8,273.66
<b>COUNCIL ON AGING</b>							
Speakman, Amanda L	Director COA	73,671.20		250.00		1,408.80	75,330.00
Orman, Eva M	Outreach Coordinator COA	48,439.24		250.00			48,689.24
Shea, M. Stephanie	Outreach Coordinator COA	42,553.35					42,553.35
Michniewicz, Nancy A	Receptionist Secretary	37,982.36					37,982.36
Mayhew, Deborah P	Secretarial/Clerical	34,602.75					34,602.75
Hall, Maura Ann	COA Program Coordinator	16,299.13					16,299.13
Heffron, Stephen M	Busdrivers	3,546.15					3,546.15
Hosmer, Richard	Busdrivers	396.00					396.00
Kallstrom, Roger W	Busdrivers	10,151.68					10,151.68
Robinson, Paul M	Busdrivers	4,450.91					4,450.91
Spaduzzi, Ralph	Busdrivers	11,695.89					11,695.89
Bastone, Elsa C	Sr Tax Program					507.36	507.36
Bloomer, Shirley A	Sr Tax Program					507.36	507.36
Brown, Michael L	Sr Tax Program					265.85	265.85
Campanaro, Daniel P	Sr Tax Program					507.36	507.36
Campbell, Thomas E	Sr Tax Program					77.12	77.12
Chesley, Judith A	Sr Tax Program					389.65	389.65
Clifford, Susan M	Sr Tax Program					442.41	442.41
Curran, Stephen J	Sr Tax Program					129.88	129.88
Davies, Ellen C	Sr Tax Program					276.00	276.00
Douglas, Jennifer A	Sr Tax Program					507.36	507.36
Fiore, Laura V	Sr Tax Program					507.36	507.36
James-Slowick, Jill	Sr Tax Program					507.36	507.36
Lyman, Constance L	Sr Tax Program					507.36	507.36
Morgano, Richard W	Sr Tax Program					507.36	507.36
Tripp, Dorothy E	Sr Tax Program					499.24	499.24
Vreeland, Patricia S	Sr Tax Program					452.56	452.56
Waters, Barbara	Sr Tax Program					507.36	507.36
Whittaker, Janice	Sr Tax Program					507.36	507.36
<b>PARKS &amp; RECREATION</b>							
Tobin, Daniel L	Director Parks & Rec	129,532.00		2,000.00		4,420.80	135,952.80

## Town of Chatham – 2018 Annual Wages

Name	Position	Regular	Overtime	Longevity	Details	Other	Total
<b>PARKS &amp; RECREATION</b>							
Farrell, Georgia A	Rec Program Supervisor	57,606.50	1,500.00			873.60	59,980.10
Winkfield, Suzanne F	Recreation Coordinator	57,510.08	290.46	600.00			58,400.54
Stark, Sharon E	Youth Services Admin	57,510.08	190.02	800.00			58,500.10
Mabile, Susan M	Admin Assistant 2	46,912.86	3,363.78				50,276.64
Constant, David J	Parks Grounds Worker	1,030.80				12,537.11	13,567.91
Fougere, Paul L	Parks Grounds Worker	54,361.60	3,161.05	1,000.00		270.59	58,793.24
Friend, Ronald A	Parks Grounds Worker	58,332.00	2,523.66	600.00		235.03	61,690.69
Davol, Andrew S	Laborer	30,546.68	196.02				30,742.70
Siepietowski, Christopher	Laborer	32,238.68	282.96				32,521.64
Whalen, Jay K	Laborer	16,830.00	16,830.00				
Fulcher, Jerauld W	Parks Grounds Worker	4,896.00					4,896.00
Arandjelovic, Nevena	Parks Grounds Worker	3,969.50					3,969.50
Ivanova, Tsvetelina	Parks Grounds Worker	7,667.00					7,667.00
Borikic, Veljko	Seasonal Grounds Worker	5,175.00					5,175.00
Paterson, Griffin L	Seasonal Grounds Worker	2,252.50					2,252.50
Marinov, Ivan	Seasonal Grounds Worker	6,528.00					6,528.00
Gustafson, Carl R	Beach Tractor Operator	4,664.50					4,664.50
Gatzogiannis, George E	Building Supervisor	47,023.20	3,064.72	600.00	346.24		51,034.16
Gulotta, Vincent E	Building Supervisor	9,668.19					9,668.19
Likos, David C	Building Supervisor	24,951.75	243.00				25,194.75
Mabile, Noah W	Building Supervisor	18,994.51					18,994.51
Quinn, Walter W	Building Supervisor	18,314.50	67.50				18,382.00
Redmond, Thomas L	Building Supervisor	24,873.60					24,873.60
White, Joseph C	Building Supervisor	5,512.50					5,512.50
Guarente, Laureen J	PARK Program Staff	8,518.16					8,518.16
Natichioni, Barbara J	PARK Program Staff	3,255.00					3,255.00
Pavlakakis, Aleczander J	PARK Program Staff	6,023.50					6,023.50
Sequin, Alexandra M	PARK Program Staff	605.00					605.00
Callaghan, Charles G	Head Water Safety Instr	6,418.14					6,418.14
Brown, Olivia M	Water Safety Instructor	4,822.50					4,822.50
Linnell, Brooke	Water Safety Instructor	4,965.00					4,965.00
Barnard, Samantha R	Head Lifeguard	5,022.00					5,022.00
Briody, Emma E	Head Lifeguard	8,523.00					8,523.00
Callaghan, India M	Head Lifeguard	5,285.50					5,285.50
Toffolon, Robert J	Head Lifeguard	5,592.00					5,592.00
Whitfield, Jacob F	Head Lifeguard	4,822.50					4,822.50
Auger, Lily S	Lifeguard	3,892.00					3,892.00
Carillo, Cirena A	Lifeguard	742.00					742.00
Dobbins, Grace	Lifeguard	4,137.00					4,137.00
Dobbins, Margaret	Lifeguard	4,081.00					4,081.00
Donovan, John P.	Lifeguard	3,878.75					3,878.75
Hano, Peter W	Lifeguard	4,212.25					4,212.25
Jepsen, Gwen	Lifeguard	4,711.00					4,711.00
Lepard, Neil L	Lifeguard	5,640.50					5,640.50
Nicholson, Laney G	Lifeguard	3,885.00					3,885.00
O'Brien, Robert F	Lifeguard	4,081.00					4,081.00
Payne, Erin F	Lifeguard	3,472.75					3,472.75
Verrilli, Andrew J	Lifeguard	203.00					203.00
Verrilli, Caroline M	Lifeguard	4,393.50					4,393.50
Verrilli, Jack J.	Lifeguard	5,858.00					5,858.00
Frederick, Thomas H	Beach Gate	4,300.00					4,300.00
Hardigan, Susan T	Beach Gate	4,187.50					4,187.50
Mack, Christopher P	Beach Gate	3,156.00					3,156.00
Proudfoot, Jill M	Beach Gate	5,148.00	144.00				5,292.00
Baker, Benjamin	Basketball Game Referee	5,328.75					5,328.75
Mabile, Samuel S	Basketball Score Keeper	2,503.75					2,503.75
Simmons, Ashley	Arts & Crafts Coord	1,806.00					1,806.00
Banas, Sophie D	Recreation Counselor	2,670.38					2,670.38
Camp, Robert J	Recreation Counselor	1,059.00					1,059.00
Chiota, Chloe L	Recreation Counselor	888.25					888.25
Chiota, Olivia L	Recreation Counselor	888.25					888.25
Deptula, Rachael	Recreation Counselor	1,672.00					1,672.00
Dickson, Emily E	Recreation Counselor	1,263.00					1,263.00
Dickson, Nathan E.	Recreation Counselor	1,302.38					1,302.38
Griffin, Alexis M	Recreation Counselor	1,672.00					1,672.00

## Town of Chatham – 2018 Annual Wages

Name	Position	Regular	Overtime	Longevity	Details	Other	Total
<b>PARKS &amp; RECREATION</b>							
Kelemen, Adam D	Recreation Counselor	1,092.50					1,092.50
Kratochwill, Alexandra M	Recreation Counselor	1,620.00					1,620.00
MacDonald, Hunter	Recreation Counselor	1,782.51					1,782.51
Murphy, Kiernan	Recreation Counselor	1,573.00					1,573.00
Murphy, Sarah E.	Recreation Counselor	1,702.01					1,702.01
Murray, Colin J	Recreation Counselor	1,900.00					1,900.00
Murray, Sean P	Recreation Counselor	143.00					143.00
Parrish, Nicole E.	Recreation Counselor	1,725.00					1,725.00
Robinson, Mia P	Recreation Counselor	2,686.75					2,686.75
Wilcock, Ashley T	Recreation Counselor	1,377.00					1,377.00
Russell, Nicholas	Head Tennis Instructor	955.50					955.50
Handel, Lauren	Head Tennis Instructor	1,280.50					1,280.50
Foley, Coleman J	Tennis Instructor	968.00					968.00
Geremia, Christopher J	Tennis Instructor	673.75					673.75
van der Burg, Willemina	Tennis Instructor	2,682.00					2,682.00
Wright, Jack E.	Tennis Instructor	920.00					920.00
Wright, Robert	Tennis Instructor	3,151.50					3,151.50
Atwater, Neil William	Windmill Attendant	616.00					616.00
Paige, Bruce J	Windmill Attendant	874.00					874.00
Porter, David W	Windmill Attendant	1,242.00					1,242.00
Rafuse, John L	Windmill Attendant	977.51					977.51
<b>LIGHTHOUSE BEACH</b>							
Doggett, Caroline B	Beach Supv Lighthouse	2,276.00					2,276.00
Kelley, Haley M	Beach Supv Lighthouse	512.00					512.00
O'Leary, Jonathan P	Beach Supv Lighthouse	2,656.00	12.00				2,668.00
Politi, Colin J	Beach Supv Lighthouse	5,975.50	1,852.50				7,828.00
Maggioni, Alexander	Beach Patrol	3,632.00	60.00				3,692.00
Peacock, Robert E	Beach Patrol	8,028.00	1,147.50				9,175.50
Seiser, Eli M.	Beach Patrol	1,464.00					1,464.00
Shea, Melissa	Beach Patrol	3,280.00					3,280.00
<b>STIPENDS</b>							
<b>AIRPORT COMMISSION</b>							
Donovan, Peter		400.00					400.00
Geylin, Michael		200.00					200.00
Haas, Rene		200.00					200.00
Harrison, Huntley		200.00					200.00
Owens, David		200.00					200.00
Patterson, Nancy		200.00					200.00
Wilson, Tom		200.00					200.00
<b>BOARD OF ASSESSORS</b>							
Brown, Thomas		1,500.00					1,500.00
Burke, John		1,750.00					1,750.00
Franz, Robert		1,500.00					1,500.00
<b>BOARD OF SELECTMEN</b>							
Cocolis, Peter		1,250.00					1,250.00
Davis, Shareen		2,000.00					2,000.00
Dyken, Jeffrey S		2,000.00					2,000.00
Metters, Cory		2,187.50					2,187.50
Nicastro, Dean		2,312.50					2,312.50
<b>CEMETERY COMMISSION</b>							
Goodspeed, George		1,000.00					1,000.00
Hart, Stephan		500.00					500.00
Whitcomb, David		500.00					500.00
<b>MODERATOR</b>							
Litchfield, William G		600.00					600.00
<b>REGISTRARS OF VOTERS</b>							
LaPorte, Virginia		300.00					300.00
Tobin, Frank		150.00					150.00

# **CHATHAM ANNUAL REPORT 2018**

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## **Department Reports**



## Affordable Housing Committee

The mission of the Affordable Housing Committee is to:

- Quantify the affordable housing need in our community through a needs assessment.
- Undertake the necessary study of the alternatives available as quickly as possible to address this need.
- Recommend to the Board of Selectmen one or more recommendations regarding which solutions would most effectively address Chatham affordable housing needs.
- Undertake a review of the charges of other communities' Affordable Housing Committees for recommendation to the Board that the Affordable Housing Committee mission might be broadened.
- Assurance to the Board the integrity of input/opinions from our community.

### 2018 Accomplishments

- Four MCI leases were renewed, and the Committee continues to support the rental voucher program.
- Supported the development of property at George Ryder Road South property for affordable housing by Habitat for Humanity.
- Completed 2nd video of West Chatham Habitat for Humanity development. Video available on Channel 18 ... and for presentations to groups & organizations.
- Welcomed 4 new Committee members from the community's younger demographic. They bring new energy to the Committee and are examples of why Chatham needs more housing for young families.

### Goals for 2019

- Showcase the 2nd video of West Chatham Habitat for Humanity development to the community thru media and public presentations to different organizations/committees.
- Continue to explore State affordable housing grants and private funding partnerships for acquisition of land or existing property to convert to affordable year-round housing.
- Continue to support more the development of affordable/attainable rental units for seniors, young families, and workforce.
- Encourage mixed-income housing to minimize stigma associated with concentration of affordable/attainable units.
- Support individuals seeking to continue to live in Town or to return as year-round residents.

The Committee continues to coordinate activities with the Chatham Housing Authority & its Executive Director John

Stewart. We thank the citizens of Chatham who step forward to assist the Affordable Housing Committee & the Housing Authority with our missions.

We look forward in the coming year to working with other Town committees, local agencies, and interested citizens to meet the affordable year-round housing challenges ahead. The recent increase in support of our efforts is greatly appreciated. Thank you all so much!

**Respectfully submitted,  
Shirley L. Smith, Chairman**

## Airport Commission

The Chatham Airport Commission is regulated by the M.G.L. Chapter 90 and Federal Aviation Administration (FAA) and Massachusetts Department of Transportation Aeronautics Division (Mass DOT) regulations. These are available for viewing on our Town website. The Airport Commission along with our Airport Manager, Tim Howard, continues to keep the Chatham Municipal Airport (CQX) one of the best maintained and operating general aviation airports in the Commonwealth as Mass DOT inspections have shown. All Federal grant improvement projects are funded as follows: FAA 90%, Mass DOT 5% and the Town of Chatham 5%. All State grant projects are funded by Mass DOT 80% and Town of Chatham 20%. These percentages are subject to change based on Federal and State budgets.

Much of the Airport Commission's focus in 2018 continued pursuing actions to make safety and functional improvements at the Airport. The spring storms caused damage to T-Hangar buildings and the perimeter fencing, which were repaired with the Airport Manager coordinating the repairs. The largest physical project underway in 2018 was the shell improvements to the Airport Administration and Hangar Complex including new siding, structural repairs, window/door replacements and beacon stand improvements which were completed in October. This year was also busy on the funding front with the Airport being awarded three MassDOT Aeronautics grants including: Vehicle Gate Entry Operator Repairs (\$4,820), Tracked Loader with Forestry Attachments (\$120,000) and replacement of the Airport Pickup truck (\$80,000) with their targeted fulfillment by the end of Fiscal Year 2019.

Airport professional consultant services continued to be provided by Gale Engineering. The Town and Commission made substantial progress on completed action items identified in Land Use Corrective Action Plan including filing a completion report to the FAA in May. One of the outstanding items

completed in 2018 was the connection of the Airport to the Town's sewer system. Moving forward the Commission will continue to monitor its compliance on an annual basis.

The Annual Open House/Community Day held in June with close to 3,000 attendees was significantly up from more than 2,000 attendees last year continuing the growth of this popular event! The Commission and CQX continue to spread information on Drones /UAS regulations regarding commercial use and operator requirements, with links to the Town's Website. As always CQX continues to serve and assist the Chatham Fire Dept. with ditch rescue training and the numerous Life-Flight missions flown out of CQX each year.

In 2018 the Commission devoted time at many of its twelve regular business meetings to discussion topics related to development of the upcoming Airport Master Plan Update (AMPU) which formally commenced in 2018 with the award of \$346,750 in Federal and State funds initiating the process of planning for the Airport's future. The Commission would like to thank our Town staff liaison Terry Whalen, recording secretary Deb Norris, the Town's Finance Director Alex Heilala, and the Chatham Fire Department and Chatham Highway Department for their assistance and support over the past year. In closing the Commission would like to especially thank Town Manager Jill Goldsmith, Town Counsel, and the Board of Selectmen for working with the Commission on the complex issues that we deal with.

**Respectfully submitted,  
Peter Donovan, Chairman**

## Animal Control

The Animal Control division of the Chatham Police Department had an eventful 2018. In total, there were 517 calls for service. Of that total, 245 were related to domestic animals, 109 were related to wildlife, and 17 were related to livestock. The remaining 146 calls were general calls to service, such as seasonal beach checks and Town by-law enforcement.

In 2018, there were no new positive cases of rabies documented in the Town. This is proof that the USDA rabies baiting program has been a success. However, please remember to keep current on your dog and cat rabies vaccinations. All cats and dogs residing in the Town are required to be licensed yearly at the Town Clerk's office.

I would like to publically express my gratitude towards Bob Hughes, who passed away this year. Hughes was a Chatham resident who was dedicated to helping local

animals. Hughes founded the Chatham Pet Food Pantry in 2013. The pet food pantry, located at the Chatham Dog Club, continues to thrive and provide residents pet food and pet supplies free-of-charge. Hughes was also very helpful in helping me keep the ‘mutt-mitt’ stations around Town full, ensuring that the Town’s trails and beaches remained clean for everyone to use. Hughes will be sincerely missed, and I am grateful for his contributions to Chatham’s animals.

Lastly, I would like to say thank you to all Town personnel who often assist me with my duties from the Chatham Town Clerk, Chatham Health Department, Chatham Department of Public Works, and the Chatham Fire Department. Thank you for your continued support.

**Respectfully submitted,  
Diane Byers  
Animal Control Officer**

## Aunt Lydia’s Cove Committee

Aunt Lydia’s Cove Committee met 8 times in 2018 and below is a list of the main discussions and the outcome:

1. Dredging on North Break – still being discussed;
2. Discussion on Stage Harbor Dock – still in discussion;
3. Review and structure of offloading permits and seasons;
4. Review and finalize plans on observation deck at the Chatham fish pier and replacement of fuel tanks.

**Respectfully submitted,  
Doug Feeney, Chairman**

## Bikeways Committee

The Chatham Bikeways Committee has had an active and productive year.

As in 2017 the Bikeways Committee focused its activities in the following three areas:

- Enhancement of the Bikeways Infrastructure
- Community Support
- Coordination with the Greater Bicycling Community

### A. Enhancement of the Bikeways Infrastructure

1. As reported in the 2017 Bikeways Committee Annual Report, the Bikeways Committee completed a Master Bicycle Plan for Chatham. The Master Bicycle Plan included 25 recommended projects with implementation planned over a five-year period. The Bikeways Committee declared the Master Bicycle Plan complete in January 2018 and began planning the implementation of a subset of the

25 recommended projects in the Master Bicycle Plan. Unfortunately, the Master Bicycle Plan was completed well after the completion of the Town budget for FY 2018 and funding available for projects recommended in the Master Bicycle Plan was very limited. The Bikeways Committee was able to work with the DPW to complete the three projects listed below in CY 2018:

2. **Motion Detection Warning Lights.** The Bikeways Committee believes that the acquisition and installation of Motion Detection Warning Lights at several intersections on the Old Colony Rail Trail will enhance safety for users of the Rail Trail. This item was included among the 25 recommended projects in the Master Bicycle Plan. The Bikeways Committee has been exploring possible funding sources in cooperation with the DPW. This has included the DPW Director pursuing MassDOT Chap 90 funds, possible utilization of DPW capital funds and Community Preservation Act funding. Unfortunately, all funding proposed for Bikeways capital projects in CY 2019 DPW budget was not approved. In January 2019 the Bikeways Committee submitted an application to the Community Preservation Committee for funds to acquire a Motion Detection Light for the Rte. 137/OCRT intersection.

3. **West Chatham Project.** The Bikeways Committee has and will continue to advocate for a safe connection between the Old Colony Rail Trail on George Ryder Rd to the planned multi-use path on Rte. 28 in West Chatham. The DPW Director has approached MassDOT on this item.

4. **Crowell Rd/Main St/Rte. 28 Project.** The Committee has made comments and recommendations with respect to the bike paths and Bike crossings on Rte. 28, Crowell Rd and Queen Anne Rd in connection with the Crowell Rd/Main St/Rte. 28 Project.

5. **Smaller Infrastructure Projects.** The Bikeways Committee has undertaken several other smaller infrastructure projects, including:

- Three members of the Bikeways Committee worked with two Americorps Volunteers

to paint mileage markers on a three-mile portion of the Old Colony Rail Trail in Chatham

- Two members of the Bikeways Committee surveyed all barriers which prevent vehicle access to the Old Colony Rail Trail to assess bicyclist safety
- Working with the DPW to install two bike racks at the Fish Pier
- Three members of the Bikeways Committee worked with the Harwich Bikeways Committee to develop a new bike map which covers the full 7.5 mile length of the Old Colony Rail Trail which will be distributed in the Spring.

### B. Community Support

1. J-1 Student Safety Briefings. As in 2017, in June the Bikeways Committee supported MassDOT and the Chatham Police Department in two bike safety briefings for J-1 students at Chatham Bars Inn in June.
2. The Chairman of the Bikeways Committee made a presentation on Bikeways Committee activities to the Summer Residents Advisory Committee in August.

### C. Coordination with the Greater Biking Community

Over the past year, the Bikeways Committee has developed working relationships with and worked with the Harwich Bikeways Committee to refresh the brand of the Old Colony Rail Trail. The Bikeways Committee is also working with the Orleans Bike and Pedestrian Committee to form the Elbow of the Cape Regional Bike Group with the Brewster Bikeways Committee, Harwich Bikeways Committee and the Orleans Bike and Pedestrian Committee. The Elbow of the Cape Regional Group has begun working on two regional projects: the development and mapping of safe biking routes between and among the four towns and developing mechanisms to do Rail Trail user counts and cyclist profiles.

**Bikeways Committee Meetings.** In 2018 the Bikeways Committee met 12 times. In addition, representatives of the Bikeways Committee met with the Harwich Committee 6 times regarding the Old Colony Rail Trail and four times with the Elbow of the Cape Regional Bike Group to develop and begin exploring projects of regional interest.

Location	Project Description	Completion
Crowell Rd and Tip Cart Rd	Restructuring of Curbing at OCRT Trail Crossing and repainting cross walk	Early Summer 2018
Old Colony Rail Trail and Rte. 137 Parking Lot	Installation of Bike Fix-it Station and Kiosk	Spring 2018
Crowell Rd/Tip Cart to Downtown Chatham	Development and installation of wayfinding signs extending the Old Colony Rail Trail to Downtown Chatham and the Fish Pier	Summer 2018

**Bikeways Committee Membership.** During most of 2018 the Bikeways Committee had a full complement of seven members. In December one member relocated out of state and resigned. As of January 2019 the Bikeways Committee has one vacancy.

**Respectfully submitted,  
John O'Toole, Chairman**

## Board of Assessors

The Town of Chatham Assessing Department, a division of the Finance Department, value all the real and personal property within our community as required by Massachusetts law. To meet these requirements, the Assessors are obligated to revalue all properties yearly and, once every five years, undergo a State recertification audit. This is done so that each property taxpayer in the community pays his or her share of the cost of local government in proportion to the value of their property.

In addition to appraisal duties, the Assessing Department is responsible for: processing statutory tax exemptions; tax abatement filings for real estate, personal property, motor vehicle and boat excise taxes; maintaining and updating their records for ownership per recorded deeds from the Registry of Deeds online database; maintaining records of exempt property; managing the assessment records, which includes the property record cards and Assessors' maps; defending Appellate Tax Board cases.

The Assessors' web page continues to provide data access on individual properties by logging onto the Town of Chatham website; going to "Departments", "Assessing" and then "Assessors' Online Database". The integration of Maps-On-Line with the taxpayer database offers users more options and details. To assist our users with current and up to date information we encourage that any changes such as ownership or mailing address be submitted in writing to the Town of Chatham Assessing Department. In addition, you can send an email to: [assessors@chatham-ma.gov](mailto:assessors@chatham-ma.gov)

We hope you find answers on our website to most questions you might have but if we can provide further assistance please do not hesitate to contact us.

This year the Assessing Department did interim year adjustments for Fiscal Year 2019 market sales. The Massachusetts Department of Revenue reviewed our community's values and certified that they reflect current fair cash values. We strive to maintain our databases, be open to needs of the public, and perform in a manner for which standards set by the Town of Chatham and the Department of

Revenue are consistently met.

The Board wishes to welcome Melanie Taylor, Assessing Clerk and Field Technician, to the Assessing Department. Congratulations to Melanie for completing the Massachusetts Association of Assessing Officer's Course 200 – Assessing Principles, Procedures and Administration. Candace Cook, Assistant Assessor, is continuing her educational requirements for her Massachusetts Association of Assessing Officers license. The Board of Assessors wishes to express their appreciation to the entire Assessing staff. We would like to extend a special thank you to Ardelle Kelley, our Assessing Director. Her diligent work and attention to detail are to be commended.

**Respectfully submitted,  
John Burke, Chairman**

## Board of Health

Our Board had a busy and productive year, again, this past year. Prior to highlighting some of our accomplishments, I would first like to acknowledge my fellow Board members and the Town staff that supported us. The 5 current members include Ron Broman, Ed Sheehan, Bernie Pfeifer, M.D., Burton Segall, and me. In addition, we have Allan Ward, M.D., as a newly appointed alternate member. He was replaced as a Board member during the year by Mr. Segall and returned as our first ever alternate member.

We continued to have outstanding staff support during the year with Judy Giorgio, Health Agent, and Dianne Langlois, Administrative Assistant, at our side during all meetings. In addition, Dr. Robert Duncanson, Director of Natural Resources, was always available when his special expertise was needed.

Over the course of the year the Board held 19 formal meetings, had 61 hearing discussions, and issued 29 variances.

### Noteworthy Issues/Cases

Several housing issues were discussed at Board meetings. One involved substandard occupancy issues, along with serious septic performance concerns at a private home under order to connect to Town sewer. Social services were also involved in this case. Several properties in Town were also cited for active rat infestations.

The general issue of sewer connections to the Town sewer came before the Board in two ways. First, by way of the Board granting time extensions to homeowners who received orders to connect, but who needed more time to comply. The second challenge related/relates to the development of a standard operating procedure (SOP) to

guide the Board in its expected push in 2019 to more vigorously enforce the outstanding connection orders involving the many homes along streets that have Town sewer readily available for connection. While the majority of homeowners have complied, approximately 40% have not. Work on this guidance tool will continue into 2019.

Two regular Board meetings involved issuing variances to Town restaurants that acidify rice as part of their sushi rice preparation. This local board of health review and approval is required by state law and involves a complicated rice preparation and testing process.

The Board had a good discussion with Town DPW officials regarding steps being taken at the transfer station to prevent odor problems from developing during the hot, summer weather.

Our Board became involved with housing, fire, and building code violations at a local theater. These violations are numerous and will need to be addressed prior to re-occupancy of the properties in question next year. The property owners are aware of the concerns.

A letter of comment was sent by the Board to Massachusetts Department of Agricultural Resources and to Governor Baker expressing our concerns about the Eversource 5-year plan to use herbicides along their rights-of-way in Chatham.

There was one tobacco control regulation violation involving the sale of cigars. This was handled at a Health Department administrative meeting.

The Board also reviewed and approved a plan by a local nonprofit to comply with a state law regulating swim testing of minors and use of personal flotation devices at summer camps that offer swimming.

Lastly, the Board was very pleased with the Board of Selectmen decision in September to expand the Board with the addition of a new "alternate" member. This will help assure that a quorum will be present at winter meetings – when several members are out of Town.

**Respectfully submitted,  
John Beckley, Chairman**

## Cable Advisory Committee

The Cable Advisory Committee currently consists of three (3) voting members. The mission of the Committee is to convene for the purpose of discussing and making recommendations on cable related topics, and, in particular, the Town's cable television contract.

The Cable Advisory Committee works with other towns to define the fee structure,

network services, programming, services to public buildings, FCC requirements, etc. provided by Comcast. The current cable television contract with Comcast runs through July 2021. The Committee will be involved in the contract negotiations leading up to the new contract, and it will make recommendations for the additional contract with Cape Cod Community Media Center to fund the Public Access Channel 99. The Committee also has the contractual responsibility for the Town government Channel 18, and the educational Channel 22.

In the current contract agreement, Comcast returns 4.5% of the Gross Annual Revenue of \$7,236,272 collected from cable service franchise fees, or \$325,632, to community services for Chatham. This revenue is split between the Public Access, Education, and Government channels (PEG). This breaks down as follows:

- Public Access Channel 99 – 1.5% = **\$108,544**
- Education Channel 22 – 1% = **\$72,363**
- Government Channel 18 – 2% = **\$144,725**

The Cape Cod Community Media Center manages Channel 99 and provides community members of five towns (Chatham, Harwich, Dennis, Barnstable, and Yarmouth) with training to use video equipment and helps them produce their own shows.

The Education Channel (22) is the television station for the Monomoy Regional School District. It televises the School Committee meetings, student created productions, and the school bulletin board featuring special events, sports, the lunch menu, and other items of interest to the school community. Comcast has set up connectivity for viewers in Chatham and Harwich to watch live cablecasts from the school.

The Government Channel 18 provides citizens live viewing of various committee meetings from the Annex, as well as streamed and archived meetings on the Town website. Currently, all Town committee meetings are recorded in the Annex or in self-serve rooms set up in various locations. This clearly demonstrates the Town's commitment to increasing the effectiveness and transparency of local government. The Channel 18 staff also covers Town events, creates various public service cablecasts, and they assist in the production of Chatham Today.

The review of the Comcast contract will commence in February 2019 and will address a variety of issues. Among them will be the cable needs of the community and the evaluation of Comcast's performance under the current license. The Cable TV landscape is changing due to rising fees

and competition with satellite networks, and streaming video services from the Internet, such as Netflix and Hulu. People are starting to drop their cable subscriptions in lieu of these other choices, such as à la Carte channel selection. These are some of the issues of concern in the next contract negotiations with Comcast. This could mean less revenue coming back to the Town to support the aforementioned services. In addition, the FCC is planning to change the way public access channels are funded by the cable companies, which would greatly reduce, if not eliminate, the funding for these channels. The money comes from the franchise fees collected monthly from subscribers and can be used for PEG Access, I-Net, and other cable technology.

The Institutional Network, or I-Net, is the fiber optic backbone that connects Town buildings and the schools for their exclusive non-commercial use. This network provides the free drops and service at no charge; however, the programming is the responsibility of the end users – Channel 18 and Channel 22. The I-net, which is hosted by Comcast, is provided under the current Comcast Agreement. The Committee works with IT Director Craig Rowe with regard to I-Net issues.

Chatham Today, the monthly video chronicle of Town events, activities and current Town information, is in its seventh year of programming. A show is produced each month throughout the year with the help and cooperation of various Chatham organizations – the Council on Aging, the Eldredge Public Library, Nickerson House, the Atwood House and Museum, the Chamber of Commerce, and others. These shows run on Public Access Channel 99, Facebook and YouTube, and also run on Channel 18. Moving forward into 2019, Chatham Today will continue with the monthly shows and when possible include special segments for Town departments and other organizations.

All marketing efforts for Chatham Today are limited to the Cape Cod Chronicle at no cost; and, thanks to the efforts of Ryan Darmon and Mark van Bork, Channel 18 is handling our programming needs very well. We are extremely fortunate to have the support of the Board of Selectmen and the various Chatham organizations in our production efforts.

**Respectfully submitted,  
Huntley Harrison, Chairman**

## Cape Cod Regional Technical High School District

Cape Cod Regional Technical High School (CCRTHS) was established in 1973 as a public technical high school. CCRTHS students meet the same academic standards required by the state as our sending schools.

**District Towns:** Barnstable, Brewster, Chatham, Dennis, Eastham, Harwich, Mashpee, Orleans, Provincetown, Truro, Wellfleet, Yarmouth

**Mission Statement:** Cape Cod Regional Technical High School will provide an opportunity to acquire high quality technical, academic, and social skills preparing our students for success in our changing world.

### Strategic Objectives:

1. Engage and retain students,
2. Empower, develop and retain staff,
3. Strengthen our identity as a premier Technical High School,
4. Increase students 21st Century skill sets to succeed in a changing technological environment and global community,
5. Enhance the CCRTHS image to attract students and improve community presence.

**Enrollment:** For school year 2017-2018, on October 1, 2018 we had 591 students enrolled in 17 different technical programs.

**Operating Budget:** For school year 2017-18 (FY18) there was a total operating and capital budget of \$14,732,000. Formulation of the annual budget and town assessments are based on the previous school year's October 1 enrollment.

**News on the New School Building Project:** Once again Cape Cod Regional Technical High School wishes to thank all twelve towns for approving our building project. We will soon be starting construction in December, 2018 or January 2019. For more information go to: <http://www.capetech.us/domain/50>.

**Town of Chatham:** The Town of Chatham had 10 students enrolled at CCRTHS as of October 1, 2017. The assessment for Chatham in FY18 was \$194,070, based on the previous year's enrollment.

### Highlights from Cape Cod Tech 2017-18 School Year

- Graduated 137 seniors in June 2018; two from Chatham.
- CCRTHS technical shops provide services to the public, allowing communities to realize significant savings of more than \$411,299 in total labor charges across 17 shops.

- Accolades go the school newspaper Tech Talk. The for winning numerous prestigious awards this year, including but not limited to: American Scholastic Press, Colombia Scholastics, Youth Journalism International, New England Scholastic Press Association, Massachusetts Press Association. The journalist students and instructor Scott Dalton deserve high praise.
- Through the generosity of Cape Cod community organizations, charities and family memorials, CCRTS presented 66 toolships and 79 scholarships to the graduating class of 2018 for a total of \$220,675.
- Thirty-Eight students received John and Abigail Adams Scholarships.
- The National Technical Honor Society honored 57 students; one from Chatham.
- At the SkillsUSA District level competition, 91 students attended of which 18 students medaled. Medals won: 4 "Perfect Gold", 4 Gold, 5 Silver and 5 Bronze.
- At the SkillsUSA State level competition; 65 students attended of which 16 students won medals. Medals won: 2 Gold, 4 Silver and 2 delegate seats. Three students qualified to go on to the National Competition.
- At the 2018 Future Farmers of America (FFA) Massachusetts State Convention, 8 Team Awards were received by 15 students. Awards included: 1st Place - Reporters Scrapbook and in Turf Management; 2nd Place Agri-Science and in Nursery Landscape; 3rd Place - 11th Grade Skills Demonstration, in Quiz Bowl Team, and in Floriculture; also received the 100% Chapter Award.
- In Auto Collision, 150 jobs were performed for the public; community outreach projects were completed for Cape Cod Cares for the Troops, U.S. Park Service, Town of Chatham and Girls Scouts. All juniors were successfully certified in OSHA and all seniors achieved Chapter 74 Auto Collision certification.
- The Auto Technology program is involved with national training programs that help students achieve certifications. Students competed in MA Auto Dealers Competition and SkillsUSA. Local car clubs presented demonstrations and many industry-related field trips were taken.
- The Carpentry Department follows the curriculum of the National Center for Construction Education & Research; and participates in school-wide reading and writing initiatives. This year the shop had 7 females enrolled and 8 students on Co-Operative placements. All juniors and seniors completed OSHA certification.
- The Cosmetology program graduated all seniors, each passed the Cosmetology State Board Exam. Junior class students passed the Nail Technician State Board exam and OSHA certification. The program has integrated Chromebook, digital text books and appointment scheduling software into their curriculum. Community service included The Wig Bank and Mannies for Nannies.
- Culinary Arts trained and certified 10 students in ServSafe sanitation. Students learned Point of Sale software in The Cove Restaurant, created a Grab & Go menu added themes to the buffet specials, were engaged in community events and food preparation for school district events.
- The Dental Assisting program is currently a two-year program for 11th and 12th grades. Five seniors graduated, all participated in 4-week internships in local dental offices and achieved their MA Certification in Radiology. The program is well-respected in the dental community.
- Design Visual Communications is a new name for the Graphic Arts program, having earned a new Chapter 74 certification with DESE. This involved more challenging curriculum by adding more web design and motion graphics to increase higher caliber course work.
- Early Childhood Education relied on their multiple training certifications to prepare their students. They attended numerous workshops and field trips related to working with children. This is the final year for this shop.
- The Electrical Department boasts a 96% attendance rate, a 50% increase in student participation in SkillsUSA competitions, and 11 juniors and seniors on Co-Operative Education placements in the local work force. The senior class salutatorian was a student of the Electrical Shop.
- The Engineering Technology Shop has phased in Algebra 2 and Calculus to their curriculum. Students were assigned to new equipment, received through a grant, to investigate and prepare user manuals and then present their work to their class.
- Health Technologies students had the highest grade point average of all shops. All juniors successfully passed their CNA. Seven students were placed in internships, three at Cape Cod Hospital, and two in pharmacy training with CVS evolving into gainful employment.
- The Horticulture program increased student participation in job shadowing, internships and Co-Operative Education placements. The program took advantage of the training opportunities of tree removal and replanting for the new building project as well as multiple community projects at Pleasant Bay Boating, Eddy Elementary School, Harwich Little League, Habitat for Humanity, and The Wellfleet Audubon Society.
- The HVAC program completed its implementation of a new online text and workbook and consistently used Google classroom for teaching. For the second year in a row HVAC was the first choice placement by 9th graders after exploring all shops.
- Marine Services integrated ABYC standards into their curriculum in order to provide their students with industry recognized certificates. All freshman successfully completed certification in Boating Safety.
- The Information Technology shop introduced their students to a new online Robotics coding course and several educational gaming products. Sophomores and juniors worked in small groups; the curriculum for seniors was rigorous - ten seniors earned a total of 26 certificates.
- The Plumbing Department had two new teachers this year and added members to their advisory board. Thirteen students participated in Cooperative Education placements in local businesses; ten seniors achieved Massachusetts Plumbing Board Tier 2 certification; and one senior was selected as the school's Vocational Student of the Year.
- The Welding Shop completed all work assignments during the year in a digit form using G-Suite. Efforts to improve attendance were very successful, as was retaining students and a positive shop environment during this final year of the welding program.
- The Cooperative Education program placed a total of 88 junior and senior students with local businesses, enhancing their skills through Co-op placements, internships or practicums. The program also sponsored a Fifth Annual Student Job Fair with the entire student body participating and 51 employers seeking to hire skilled employees.
- The Business Education/21st Century Learning department as enhanced their skill-building curriculum with: customer service and active listening skills, ethical business practices, and a framework to rate the academic portions of the students' technical training. This department also hosted the Sixth Annual Credit for Life event sponsored by Cape Cod 5 Bank.
- The English Department's Journalism class delivered an award-winning year for the student newspaper, Tech Talk, including 1st Place American Scholastic Press Association, Silver Medal Columbia Scholastic Press and numerous other prestigious awards. Advanced Placement (AP) courses continued in high demand and all students passed MCAS ELA.
- The Math Department successfully implemented an online Pre-Calculus course and

- an after school Math Lab during the year. Department members worked individually and collectively on the ability to teach problem solving skills within their lesson plans.
- The Athletic Department offered a “no-cut, no-fee” program in which all students can participate without fees. The following sports are offered: baseball, basketball, cheerleading, cross-country, football, golf, hockey, lacrosse, soccer, softball, tennis and volleyball.
  - The Science Department increased the use of electronic formats, such as having students use Google sheets to record and analyze data; teachers used Google classroom to post and accept assignments/assessments and communicate with students; and prepared test strategies for the MCAS Technology and Engineering, which 9th graders completed in June.
  - The Social Studies Department completed its first year of an Advanced Placement (AP) Government course. Both this course and AP History have even larger classes pre-registered for next year. Also the curriculum for Contemporary World Cultures was expanded to meet the challenges of the 2018 world. The Criminal Justice course offered mock trials and the department continued to focus special activities to honor US Veterans.
  - The Spanish Department hosted a highly successful multicultural festival this year, which is anticipated to be an annual event.
  - Special Education continued progress with using data collection to improve student academic achievement. The department also worked collaboratively to expand social emotional learning curriculum and strategies for all students - not just special education.

Please visit our website: [www.capetech.us](http://www.capetech.us) for more information.

**Respectfully submitted,**  
**Buck Upson**  
**Marie Connolly**  
**Chatham Representatives to CCRTHS**  
**School Committee**

## Cape Cod Regional Transit Authority

The Cape Cod Regional Transit Authority (CCRTA) has provided a total of 16,394 one-way passenger trips across all services in the Town of Chatham from July 2017 through June 2018 (FY18).

CCRTA provided 922 Medicaid trips, 1,918 Day Habilitation trips, 403 other medical trips for Chatham residents. CCRTA also provided 26 Chatham residents with 167 trips to Boston area hospitals through the Boston Hospital Transportation service.

CCRTA provided 111 Chatham residents with 1,876 DART (Dial-a-Ride Transportation) trips during FY18. Total DART passenger trips in the fifteen towns of Cape Cod were 217,037 in FY18.

The fixed route Hyannis to Orleans (H2O) serves the towns of Barnstable, Yarmouth, Dennis, Harwich, Chatham, Brewster and Orleans along the Route 28 corridors. A total of 16,394 one-way trips originated in Chatham for the H2O route for the period July 2017 through June 2018. Although we do not track alightings, it is assumed that an approximately equal number of riders ended their trips in Chatham, including some who began and ended their trips in Chatham. Total ridership for the H2O route for this period was 151,673.

CCRTA supplied the Chatham Council on Aging with one Mobility Assistance Program (MAP) vehicle that provided 1,651 rides from July 2017 to June 2018.

Route maps, schedules, fares, Google Transit Trip Planner and the latest news about Cape Cod public transportation services are provided at [www.capecodrta.org](http://www.capecodrta.org), as well as links to many other transportation resources.

**Respectfully submitted,**  
**Tom Cahir, Administrator**

## Cape Light Compact

Cape Light Compact JPE is an intergovernmental organization consisting of the 21 towns on Cape Cod and Martha's Vineyard and Duke's County. The Compact's mission is to serve our 205,000 customers through the delivery of proven energy efficiency programs, effective consumer advocacy, and renewable competitive electricity supply.

Effective July 1, 2017, the Cape Light Compact reorganized and reconstituted itself as a joint powers entity pursuant to Massachusetts General Law Chapter 40 Section 4A1/2, becoming the first joint powers entity in Massachusetts. Reorganizing as a joint powers entity protects member towns from potential liabilities and mandates greater financial accountability through expanded reporting requirements to the Massachusetts Department of Revenue and member Towns, and designation of Treasury functions to an independent entity.

### POWER SUPPLY

During 2018, the Compact's power supplier for all residential, commercial, and industrial customers was NextEra Energy Services of Massachusetts (NextEra). The Compact is pleased that our residential price in 2018 was lower than Eversource's basic service residential, while also being 100% renewable.

The Compact has been a green aggrega-

tion since January 2017, meaning 100% of Compact's power supply customers' annual electricity usage is met with renewable energy certificates (RECs). Each REC represents the generation of 1 megawatt hour (1,000 kilowatt hours) of electricity produced by a renewable resource, such as wind or solar. By retiring RECs to match the Compact's customers' usage, Compact customers are financially supporting renewable energy resources, including resources located on Cape Cod and southeastern Massachusetts. In addition, NextEra pledged to deposit all premiums paid for voluntary RECs, plus their supplier and retail fees (expected to total over \$3 million per year), into a trust fund to be used solely for the development of new renewable energy resources. In December 2018, the Compact also announced that it had entered into a long-term power purchase agreement (PPA) for both energy and RECs from a solar facility under development in Farmington, Maine, which is scheduled to begin delivering energy to Compact customers in 2021. Now, by purchasing electricity through the Compact, all Compact power supply customers are supporting renewable energy and acting locally to combat climate change.

At a regional level, New England continues to face electricity pricing challenges during the winter months. Over the last fifteen years, New England has greatly increased its reliance on natural gas for electricity production, and now over fifty (50) percent of New England's electricity is generated with natural gas. However, natural gas pipeline capacity has not substantially increased during that same period. As a result, during winter cold snaps, demand for natural gas to generate electricity competes with natural gas demand for heating purposes. Allocation of natural gas for heating has priority over natural gas for generating electricity. This creates a supply shortage of natural gas for electricity production, and therefore increases prices for electric generators, which is passed on to all New England power supply customers. Massachusetts has taken a major step to address this issue through the execution of long-term contracts for off-shore wind energy, and continues to negotiate contracts for additional renewable energy resources; however, until such time as this issue is fully resolved, either through additional infrastructure, demand reduction or other targeted programs, the possibility of future high winter pricing remains, and as such, consumers should still expect seasonal pricing fluctuations for the foreseeable future. The Compact will continue to seek ways to help customers reduce their electricity costs through innovative energy

efficiency programs to mitigate the impacts of higher winter electricity pricing.

As of December 2018, the Compact had approximately 6,254 electric accounts in the Town of Chatham on its power supply.

## CONSUMER ADVOCACY

Since 1997, Cape Light Compact has advocated for the ratepayers of Cape Cod and Martha's Vineyard at the local and state level. In 2018, the Compact continued its focus on grid modernization, reviewing the plans submitted by the utilities in August 2015. The Compact held community and stakeholder meetings about what is being proposed and the implications for the energy future of Cape Cod and Martha's Vineyard. There were several key areas of concern that the Compact and engaged stakeholders identified, mainly centered around the fact that Eversource's grid modernization plan was mostly grid-facing and did not offer many opportunities to engage customers with a modernized grid. The Compact was an active participant in the DPU docket and retained experts to analyze Eversource's plan and present expert witness testimony, submitted information requests to Eversource, and submitted briefs. The DPU issued their grid modernization orders in May 2018, approving some of the utilities' requests but deferring decisions on customer-facing technologies (such as advanced metering infrastructure) to future proceedings. The Compact will seek to participate in future grid modernization proceedings at the DPU to advocate for the interests of Cape and Vineyard customers.

In December 2017, the DPU issued an order on Eversource's rate case, which was filed in January 2017. This was Eversource's first fully-litigated rate case since the 1980's. Rate case proceedings determine the charges that Eversource is allowed to impose on the distribution side of the electric bill, which affect all residents and businesses on Cape Cod and Martha's Vineyard. The Compact was an active participant in this proceeding as well. The Compact's concerns with the proposal were: (1) the proposal to increase customer charges and impose new demand charges, which decrease customers' ability to manage their bills; (2) the 10.5% return on equity sought by the company, which is higher than the national average for a regulated utility; (3) the proposal to shift approximately \$30 million per year of costs from Western MA customers (and Eastern MA commercial customers) on to Eastern MA residential customers, which includes the Cape and Vineyard. Unfortunately, the DPU approved increased customer charges and demand charges, a 10% rate of return, and the cost shift from Western MA and Eastern MA commercial

customers on to Eastern MA residential customers. However, the participation of the Compact and other intervenors resulted in a lower approved customer charge than Eversource proposed, a rejection of consolidated Transition charges (saving Cape & Vineyard customers approx. \$8M/year), and rejection of the consolidation of commercial and industrial rate classes which would have had steep bill impacts for some Cape & Vineyard customers. Since the December 2017 Order, the Department has opened two related proceedings that the Compact is participating in regarding performance metrics and the Monthly Minimum Reliability Charge (MMRC) outreach and education plan. Additionally, the Compact filed an amicus brief with the MA Supreme Judicial Court (SJC), supporting other parties' appeals of the approved return on equity rate and MMRC. The SJC has not ruled on the appeals as of December 2018.

The Compact also participated in regulatory proceedings at the DPU related to the retail electric market, pushing for policies that promote a competitive power supply market while ensuring common-sense protections for consumers.

*\*Please note that this data does not include activity that occurred in December 2018. Please visit [www.capelightcompact.org/reports](http://www.capelightcompact.org/reports) for complete information.\**

Funding for the energy efficiency programs (i.e. energy audits for homes and businesses, rebates on the purchase of energy efficient appliances and energy education in our schools) comes from the monthly customer "energy conservation" charge on each customers' electric bill, which is multiplied by the number of kilowatt hours used during the month (\$0.02109 for residential customers and \$0.0078 for commercial and industrial customers).

## Other Cape Light Compact Efforts Include:

- 10 ENERGY STAR® qualified homes were built in the Town of Chatham.
- Cape Light Compact continues to offer support for energy education to the Monomoy School District through classroom visits, teacher workshops, curriculum and free materials all aligned with the state NGSS and STEM initiatives through the Compact's Energy Education Outreach program. Monomoy Middle

School participated in the Compact's Be Energy Efficient Smart (BEES) program where they learned about energy efficiency science and helped to make their own homes more energy efficient.

**Respectfully submitted,  
Peter Cocolis, Chatham Representative**

## Cape and Vineyards Electric Cooperative

To benefit the rate-payers and member-towns, the Cape & Vineyard Electric Cooperative (CVEC) was created in 2007. Since its creation, CVEC has been successful in its mission by bringing forward price-stabilizing renewable energy installations to Cape Cod and Martha's Vineyard through multiple rounds of photovoltaic (PV) development. CVEC has representatives from most towns on Cape Cod and Martha's Vineyard. In 2010 Chatham joined CVEC with the Chatham Energy Committee's (CEC) John Scott representing Chatham on CVEC's Board of Directors. Mr. Scott is no longer on the CEC, but continues to represent the Town on CVEC.

CVEC has three series of photo-voltaic (PV) initiatives, all operating. CVEC continues to pursue a fourth round. The initial (exploratory) round of about 750 kilowatts of PV was constructed by Con Edison Solutions in 2010. The second PV initiative (Round 1) consisting of about 16 megawatts (MW) was constructed by American Capital Energy in 2011. Round 1 includes an 1,800-kilowatt (1.8 MW) project at the Chatham Transfer Station's Capped Landfill. This project went into commercial operation in September 2014. In 2012, the Round 2 Initiative awarded over 50 megawatts of PV projects in multiple tiers to Broadway Electrical. Tier 1 of Round 2, consisting of about 20 megawatts of PV, includes a 23-kW rooftop PV installation at Chatham's Police Station and a second 23-kW rooftop PV installation at the Town Hall Annex. As of July 2014, these projects are all operating. If Round 3 is implemented, Chatham will likely have a rooftop solar installation on the new Chatham Fire Station. A contract has been issued for this, but it is delayed due to State issues in processing a new incentive program (SMART). The contractor, Alliance Clean Energy, cannot proceed without financing from this program.

## Energy Efficiency

Jan – Nov 2018	# of Participants	Customer Savings	kWh Saved	Rebates/Incentives Paid to Customers
Low Income	19	\$4,883.77	24,418.84	\$22,103.18
Residential	7,769	\$471,587.25	2,357,936.24	\$792,160.35
Commercial	38	\$33,482.61	167,413.03	\$85,889.39
<b>Total</b>	<b>7,826</b>	<b>\$509,953.63</b>	<b>2,549,768.11</b>	<b>\$900,152.92</b>

The renewable energy facilities that CVEC develops provide substantial savings to CVEC member towns. In the first years of operation, the Landfill PV project at the Chatham's Transfer Station saved Chatham about \$200,000 annually. Future savings could be more as electric rates rise. The energy production at the Landfill PV project was reduced in 2018 due to two problems: osprey nesting and vandalism to the solar panels. The rooftop installations at the Police Station and Town Hall Annex are saving the Town about \$8,000 annually. Chatham is also participating as an "Offtaker" and benefitting from other CVEC member towns' installations that have too much power for those towns to utilize. These projects are saving Chatham another \$10,000 (approx.) annually.

CVEC is continuing its pursuit of renewable energy and, during 2016, a wind generation project in southern Plymouth (Future Generation Wind Project) and a PV project in Dartmouth MA (NexAmp Project) went on-line. Chatham is earning about \$4,000 annually from each of these projects. CVEC is now investigating involvement with a proposed ocean wind farm south of Martha's Vineyard.

**Respectfully submitted,  
John Scott, Director and  
Town Representative**

## Cemetery Commission

During 2018, we had a total of 56 burials in Chatham, which included 24 full burials, 32 cremations, and one disinterment.

We also had 3 plots and 7 individual lots sold; generating \$ 2,600.00 into the Town Lot Fund and \$5,200.00 into the Perpetual Care Fund. \$ 50.00 fee for one disinterment, and \$100.00 for administrative services.

The Commission continues to work on the expansion grounds for both Seaside and Union Cemeteries.

The Construction bidding was completed. The expansion grounds and the grass planting is completed, although some issues developed in the process, such as grass growth, drainage, etc. These are being monitored and reviewed, moving forward. The lot markers have been installed throughout Seaside and Union Cemeteries with the assistance of the Park Department staff.

We have had discussions having the "Friends of Trees" assisting with the landscaping design, within the expansion grounds.

Cleaning and repairs of older and damaged

headstones in Seaside and Peoples Cemeteries continues. The damaged wooden fencing, iron fencing, concrete posts and piping in cemeteries, have been installed, in some areas, as funding permits. Other sources for funding are being researched.

One imported, 24-niche Columbarium with removable doors, and two additional footings have been installed within the Seaside Cemetery expansion grounds. Two identical Columbarium's will be placed on the two additional footings, next year.

All cemetery grounds have been maintained using a contracted company. The continual mowing and ground maintenance created well-groomed cemeteries. Cohesion between the Parks & Recreation and the Cemetery Department has also assisted in the maintenance of grounds and tree work.

The existing Cemetery Rules and Regulations were amended this year and the Rules and Regulations for the Columbarium were also being discussed.

We have implemented increased cemetery rates in accordance to local cemeteries. We established Columbarium rates and added Administrative fees for future burials.

The Information Technology Department is working with the Cemetery Dept. to implement a software system that will link to lot numbers, location, and sections throughout all Cemeteries.

The Cemetery Commission Office, at 221 Crowell Road, is open Wednesday through Friday, from 9:00 AM – 12:00 PM, except on Holidays. The Commission meets on the second Friday of the month at 8:00 AM, except on Holidays. The services of the Cemetery Department are available by calling 508-945-5117 or contacting a Commission member. Commissioners are George Goodspeed, Jr., David Whitcomb, Stephen Hart. Cemetery Administrator is Debra Shippelhute.

**Respectfully submitted,  
George Goodspeed, Jr., Chairman**

## Charter Review Committee

The Charter Review Committee (CRC) consists of 9 members: 5 appointed in June of 2018, and 4 added in August of 2018. The Committee generally meets biweekly on the 1st and 3rd Tuesdays of the month. As of the end of 2018, the Committee had met 12 times.

The purpose of the Committee is to review "the provisions of the charter" and "to submit a report to town meeting concern-

ing any proposed amendments or revisions to the charter which such committee deems necessary." (Town of Chatham Home Rule Charter, Part VIII, Section 8-2, pg. C:16). Through consensus the Committee determined to review the charter sequentially. One Committee member volunteers to lead the general discussion of each section, providing notes with suggested edits for the Committee to review. At least two weeks following this general discussion, motions are entertained for amendments to that particular section.

At this point in time the Committee has completed an initial review of the charter through Section 4-5 of Part IV. Motions of amendments that have been approved by a majority vote of the Committee are posted as a running draft on the Charter Review Committee website. When the Committee completes the initial review of the charter, it will review the draft document with the voted changes from beginning to end and fine-tune or delete the amended changes. This will result in a draft which will be presented in a public forum(s) for feedback from the residents of the Town. A third review of the charter by the Committee will then take place, resulting in a document to be presented to the Town voters.

The Committee has advocated for getting suggested changes to the charter from the public. The following steps to generate public interest have been taken so far: 1.) An announcement was made at a Board of Selectmen's meeting to that effect. 2.) A letter was emailed to all committees and boards of the Town, asking them to review the charter and submit any changes that they believed would make improvements to it. 3.) A letter was sent to over 15 volunteer organizations, also asking for their input of possible amendments to the charter. 4.) A letter from the CRC was published in the Cape Cod Chronicle. 5.) Four of the Town's selectmen attended the first hour of a meeting in December and made statements to the Committee, at the Committee's invitation. 6.) At the beginning of each CRC meeting, the public is invited to propose suggested changes to the charter. To date, four members of the public have made such suggestions.

The Committee is interested in completing its work deliberatively and cautiously. As a consequence, it is not expected to complete a final draft of approved changes to the charter in time for the May 2019 Town Meeting.

**Respectfully submitted,  
Elizabeth H. Taylor, Chair**

Revised Fees effective 11/2018 follow:

Single Lot	Perpetual Care	Cremation Lot	Columbarium	Administrative Fees
\$ 400.00	\$ 400.00	\$ 200.00	\$ 1,500.00	\$ 75.00 - Full burial 50.00 - Cremation 50.00 - Per Niche

## Chatham Housing Authority

The Chatham Housing Authority organized and existing pursuant to Massachusetts General Laws, Chapter 121B, Section 3, is composed of a five-member Board of Commissioners responsible for policy making and general administration of the Authority. The Authority is a quasi-state agency under the direction of the Massachusetts Department of Housing and Community Development.

Four of our Board members are elected by Town voters and the fifth is appointed by the Commonwealth. The Authority's staff consists of an Executive Director, Administrative Assistant, and a full-time maintenance employee.

Board meetings are held on the fourth Tuesday of each month at 4 p.m. in the Authority's Community Room, 240 Crowell Road, Chatham. Additional meetings are called and posted when necessary. Meetings are open to the public. The annual meeting and election of officers is held at the regular meeting in September.

### Core Authority Programs

These are the State programs that are run by the Authority:

- **The Anchorage:** elderly/disabled housing (40 apartments)
- **Captain Bearse Congregate House:** elderly housing (17 apartments)
- **Captain's Landing:** Family Housing (12 apartments)
- **A Group Home** leased to Dept. of Mental Health and a Group Home leased to Vinfen, Inc.
- **Massachusetts Rental Voucher Program (MRVP):** We administer 11 MRVP's

These are the Town programs that are run by the Authority:

- **CHOP Houses:** The Authority is the Re-sale Agency for the CHOP (Chatham Home Ownership Program) houses located off Stony Hill Road.
- **MCI Rent Escrow Program:** There are four families enrolled in a five-year program.
- **Rental Assistance Program:** This is funded by CPA funds. We currently have 10 families enrolled in the program.
- **Harwich Housing Authority:** The Chatham Housing Authority continues to manage the Harwich Housing Authority, which consists of 20 MRVP's, 12 family units and a group home, as well as several Town programs.

### Maintaining and Creating Affordable Housing

Key elements in the Chatham Housing Authority's mission are to "provide affordable, decent, safe, and sanitary housing through

the maintenance of our existing units and the development of new units" and "to support residents in their effort to achieve self-sufficiency." We have used the Town's Comprehensive Plan to accomplish its goals which mesh closely with our mission.

The CHA has worked with Habitat for Humanity towards the completion of developing four single family homes for first time homeowners at the West Chatham property purchased in the fall 2011.

The Board also wishes to applaud the extraordinary Authority personnel, who not only are experienced professionals, but caring individuals. We are proud to serve with Executive Director John Stewart, Administrative Assistant Tracy Cannon, and Maintenance Supervisor Matt Stone.

Respectfully submitted,  
Alan Mowry, Chairperson

## Committee for the Disabled

In 2018 the Committee continued to address areas of concern identified in the 2017 Report. Fortunately, there was slow but significant progress and some closure. The Committee also greatly appreciates the support from our new liaison, Jay Briggs.

The Department of Public Works initiated and obtained for review by the Board of Selectmen a comprehensive sidewalk management plan which included prioritization areas and cost breakdowns. Funds for a portion of the recommended work are included in the proposed Town budget. The Committee hopes to continue to collaborate with DPW to refine priority sections for repair or replacement.

The May 2018 ATM approved funding for power assisted doors for ADA compliance at the Annex, Police Station and Public Works building. After substantial delays in the procurement process, only one bid was received which was over budget. Therefore the scope of the project was reduced, and as of February 2019 the equipment was still not installed.

Chase Park accessibility remained a continuing struggle. Funds were requested for a path but not allocated. A new funding proposal was submitted to the Community Preservation Committee which will be presented at the May 2019 ATM. If approved, this project would provide access for mobility impaired people to the windmill and labyrinth. On a more positive note, Sylvan Gardens now has a handicapped parking space and an accessible trail.

The Committee has consulted with Town officials to investigate obtaining a comprehensive ADA Transition Plan comparable to the one secured by Harwich. We anticipate that such a document would

provide a highly detailed description of areas of deficiency and a structured framework to establish priorities for correction.

Respectfully submitted,  
Robert Lear, Chair

## Community Development Department

The Chatham Department of Community Development's mission is to ensure courteous, consistent, dependable and trustworthy public service in four primary areas: building/inspectional services, planning, zoning, and historic preservation. In carrying out this mission, the Department also supports various Town Boards, Commissions, and Committees including:

- Planning Board
- Zoning Board of Appeals
- Historical Commission
- Historic Business District Commission
- Affordable Housing Committee
- Committee for the Disabled
- Economic Development Committee
- Eldredge Garage Property Planning Committee

The Department strives to enhance the Town's long-term planning efforts while streamlining permitting and enhancing the efficiency of inspectional services.

### Building/Inspectional Services

The volume of construction activity in Town continues to increase. In 2018, 1060 building permits were issued, a 17% increase over the number issued in 2017 (909). The number of permits issued for new dwelling units increased to 42 as compared to 36 in 2017. Residential renovations and additions continue to be the dominate type of construction with 938 permits issued in 2018, a 20% increase over 2017. The average value of a residential renovation-addition decreased slightly to \$43,114 in 2018 as compared to \$45,037 in 2017. A total of 50 permits were issued for renovations and/or additions to commercial buildings with only two (2) new commercial building permits issued in 2018. The number of permits for the demolition of existing residential structures fell to 24 as compared 30 demolitions permits issued in 2017. A total of 1046 plumbing and gas permits were issued in 2018 and 867 electrical permits. Revenue in 2018 from building, gas, plumbing and wiring permits was \$581,722.20.

### Planning, Zoning and Historic Preservation

Many of the Town's planning, zoning and historic preservation activities are overseen by or the responsibility of one of four boards

or commissions. These are: Historical Commission, Historic Business District Commission, Planning Board and Zoning Board of Appeals. Collectively, these four boards/commissions held 82 meetings in 2018, the majority of which were attended by Department staff who also provided support in advance of and following the meetings. Revenue generated from applications submitted to these boards was \$30,385. An additional \$519.60 in revenue was collected in copying fees and \$1,650 in sign permit fees.

During 2018, the Department also completed initiatives in cooperation with the Boards, Commissions and advisory committees supported by the Department, including:

1. The 2018 Update of the Town's Hazard Mitigation Plan.
2. The 2018 Update of the Town's Housing Production Plan.
3. Guided the Eldredge Garage Property Planning Committee through the process to present recommendations to the Board of Selectmen for the long-term use of the property. Issued an RFP for Parking Management Services for a Pilot Program for municipal paid parking at the Eldredge Garage Property in the short-term.

The GIS program, based in the Department, continues to support the Town's expanded use of web-based applications such as MapsOnline and PeopleForms to enhance the transparency and efficiency of Town services. This work routinely involves collaborating with and supporting the work of other Departments including but not limited to:

- Fire Department
- Police Department
- Natural Resources Department
- Department of Public Works
- Town Clerk and Town Assessors

Finally, we'd like to express our gratitude to the volunteers who serve on the boards, commissions and committees the department supports for their commitment to the community.

**Respectfully submitted,**

**Kathleen Donovan, Director**

**Jay Briggs, Building Commissioner/**

**Zoning Enforcement Officer**

**Alyxandra Sabatino, Principal Planner**

**Sarah Clark,**

**Central Permitting Coordinator**

**Kristen Caruso, GIS Planner**

**Michele Clarke, Office Manager**

**Richard Flores, Local Building Inspector**

**George McManus, Wiring Inspector**

**Christina Bassett,**

**Inspections Division Secretary**

**Chantal Kilkenny, Community**

**Development Secretary**

## Community Preservation Committee

The Community Preservation Act (CPA) was signed into Massachusetts law in 2000 and adopted in Chatham in 2002. The CPA creates a Community Preservation Fund using a 3% surcharge on local property taxes augmented with an optional State grant. Money in this fund can be spent only if approved at Town Meeting. Applications may only be made in 4 categories:

- Acquisition, creation or preservation of open space.
- Acquisition, preservation, rehabilitation or restoration of historic resources.
- Acquisition, creation, preservation or support of community housing.
- Acquisition, creation or preservation of land for recreational purposes.

The Act requires that at least 10% of the funds raised in each fiscal year be spent or reserved in each of 3 categories; open space, historic preservation and community housing. The remaining 70% of CPA funds each year and reserves are available for any of the four CPA purposes.

Any individual, non-profit group, or Town entity may submit an application for funds and present their case to the Community Preservation Committee (CPC). All the approved applications are drafted as articles to be put on the warrant for Town Meeting. These are reviewed by the Finance Committee and the Board of Selectmen and their votes included in the warrant.

In 2018 the Committee met seven times including one meeting on Historic Preservation Restrictions.

For FY 2019 the available funds from the 3% local property tax assessment was \$900,000 with an additional 16.6% State Contribution of \$149,000 from State funds for a total of \$1.049M.

At the 2018 Town Meeting, 14 project applications were recommended by the CPC and approved for funding in FY2019 for a total sum of \$1,221,075 and \$105,000 allocated to reserves. \$100,000 was transferred from the Community Housing Reserve to the Affordable Housing Trust Fund. The administrative budget was \$15,000. A proposal to fund the Housing Buy Down program to fund ~4 houses in advance received \$200,000. There were 5 historic preservation articles for a total of \$107,000, and 3 recreation articles for a total of \$784,075, which included \$450,000 for new bleachers, and the purchase of waterfront land on Mill Pond for \$262,500; all of which were approved by Town Meeting. The amount for the bleachers was augmented with a contribution

of \$100,000 from the Chatham Athletic Association. Land purchase of waterfront property on Mill Pond for \$262,500 was approved.

All submissions for 2019 were made on the new electronic form. The annual deadline for submissions is January 15.

The membership of the CPC is determined by State statute and local authorization.

Chatham's CPC has nine members, seven of whom are members of existing Town bodies as shown below, and two at-large members are appointed by the Selectmen.

- Dr. Michael Tompsett, Chair, Conservation Commission
- Debbie Aikman, Vice-Chair, Member at-Large
- Alan Mowry, Chatham Housing Authority
- Bruce Beane, Affordable Housing Committee
- Ira Seldin, Parks and Recreation Commission
- Jane Moffett, Clerk, Historical Commission
- Peter Farber, Planning Board
- Richard Stenberg, Member at-large
- Vacant, Land Bank Open Space Committee
- Alix Heilala, Finance Director, serves as the Committee's staff liaison.

**Respectfully submitted,  
Dr. Michael Tompsett, Chairman**

## Conservation Commission

The Conservation Commission continues to meet its regulatory mission of environmental protection under the Massachusetts Wetlands Protection Act (MGL Ch. 131, s. 40) (WPA) and Regulations (310 CMR §10.00), and the Chatham Wetlands Protection Bylaw (Chapter 272). The WPA recognizes eight important functions of wetlands that are subject to protection including: protection of public and private water supply, protection of groundwater supply, flood control, storm damage prevention, prevention of pollution, protection of land containing shellfish, protection of fisheries, and protection of wildlife habitat. However, the WPA and hence the Commission's jurisdiction only extends under the water, on coastal banks, on land subject to flooding, land within 100ft of the top-of-the-bank from water and inland vegetated wetlands, or 200ft from a permanent river.

The Commission met 4 times a month during 2018: twice for public hearings on applications and twice for reviewing and approving Orders of Conditions. Commission members generally visit project sites before scheduled hearings and attend on-site meetings as necessary. In 2018 there were a total of 237 applications submitted to the Commission, which was marginally higher

than the 229 applications in 2017. There were 101 Administrative Reviews, 31 Requests for Determination of Applicability, 73 Notices of Intent, 20 Extension Orders, 12 Requests to Amend Orders of Conditions, and some field change requests.

Total application fees collected in 2018 were \$35,611.60, of which the State's share was \$14,882.50, advertising fees were \$2,220, leaving \$18,509.10 to be collected by the Town under the local bylaw, but only to be used to carry out the Commission's duties under the Act.

In addition to the 2007 break, the 2018 April Fools break has led to very dynamic conditions on the ocean-facing side of Chatham, which has led to the approval of several NOIs by the Commission for dredging operations, which, as it turns out, have not been practicable to implement.

In June Cally Harper, Ph.D., started as the new Conservation Agent. She manages the steady and voluminous work load of the Conservation Division. Her primary responsibilities include: serving as a liaison between applicants/representatives and the Commission; reviewing proposed projects and preparing staff reports for the Commission to aid in their decision-making process; preparing drafts of permits for Commission review; coordinating with other Town departments to ensure transparency in the permitting process; providing technical assistance to applicants/representatives and contractors; conducting site inspections during the permitting process and after the permit is issued to ensure compliance; investigating complaints and taking necessary enforcement actions, including the issuance of Stop-Work Orders, Enforcement Orders, non-criminal citations and court appearances.

### **Management of Town Conservation Lands**

The Town has 22 Conservation Properties with Land Management Plans, which address wildlife habitat, invasive species management, wetland and water quality issues, existence of vernal pools, and management of rare and endangered species. Work outlined in these Plans continued throughout 2018 managed by Paul Wightman, Assistant Conservation Agent/North Beach Manager, including, but not limited to, trail clearing, installation of signage and fencing, habitat management, wildlife management, removal of invasive species and diseased trees, and installation of benches at scenic overlooks at various locations including: Valley Farm, Old Comers Woodland, McCoy Tree Farm, Training Field Triangle, Sam Ryder Forest, Forest Beach Overlook.

Around Goose Pond, many diseased and

dead trees were cut down and trail markers were installed. Split rail fencing at the parking area was replaced. New signage was installed at the entrance off Old Comers Road and at the landing. A bench is being made as a volunteer project by the Chatham/Harwich Newcomers woodworking group to be installed in the spring 2019.

At the Twine Fields Conservation Area, a parking area off Morton Road was demarcated with fencing. Trails were maintained on this property, which is predominantly grassland meadow and is important and rare habitat for many species of bird, raptors, and mammals.

In 2018 the Land Management Plan for the Captain Harding Conservation Area was reviewed with a focus of restoring the meadow habitat, replacing fencing and signage, and maintaining trails. Needed work is being coordinated with the AmeriCorps Supervisor for Barnstable County to define the scope of work and enlist the help of AmeriCorps for the restoration and trail work in early 2019.

### **Management of North Beach**

Oversight of Nauset (North) Beach is under the jurisdiction of the Commission with day-to-day management by the Department of Natural Resources. The Chatham portion of Nauset Beach is now a 1+ mile long barrier beach; which, since the 2007 break, continues to undergo significant changes. Two winter storms caused severe over-wash and erosion just south of the Orleans/Chatham Town boundary. In addition, the beach continues an overall southward migration, and expansion east to west just north of the break/inlet.

A Habitat Conservation Plan (HCP) prepared by the State Natural Heritage and Endangered Species Program is a statewide permit which advances piping plover and least tern conservation through a variety of conservation actions while improving public access, recreational opportunities, and economic activities associated with the State's beaches. 2018 was the second year Chatham participated under the State-wide HCP. Following an onsite review of beach conditions in early August, State Natural Heritage Endangered Species Program staff determined that it was not necessary to implement the HCP to open the beach to off-road vehicles. Once the Beach opened, Chatham North Beach Rangers patrolled the beach daily to ensure compliance with the Beach Rules & Regulations.

2018 shorebird statistics reported there were 21 Piping Plover nesting attempts on North Beach, producing 37 chicks that fledged (i.e. capable of flight). One re-nesting attempt was recorded. There were 2 Least

Tern sub-colonies producing 20-25 fledged chicks. One American Oyster Catcher pair produced 1 chick that fledged. Several electrified decoy exclosures were deployed for a second year to reduce predation of Piping Plovers nests by Eastern Coyotes and Coywolves, which otherwise, kill adult birds, cause abandonment of nests, and promote as many as 4-5 attempts at re-nesting, which have historically extended the closing of the beach. The electrified exclosures were designed by staff and are inexpensive to construct. They also help reduce predation by American Black Crows, and a myriad of avian raptors.

Least Terns arrive in mid-May, which is much later than Plovers. Tern chicks tend to peak in mid-July and do not typically fledge until late August or early September. This presents a management challenge, when considering opening the beach once all the Piping Plover chicks have fledged. In 2018, Staff opened the beach to off-road vehicles in early August, and used daily monitoring of the Least Tern nesting sites to accordingly relocate access corridors away from them.

In 2018, 2 valuable members of the Commission, Joe Scarlatelli and Cheryl Lubin resigned. The Conservation Division would like to thank them for their hard work and dedication supporting the Commission's mission. The remaining 3 members Mike Tompsett, Deedee Holt and Janet Williams have been joined by the appointment of 3 new voting members, Joe Kitts, Bob Ralls, and Bob Del Vecchio. There are still 4 vacancies: one voting member and 3 associate members.

**Respectfully submitted,  
Dr. Michael Tompsett, Chairman**

## **Council on Aging**

**COA Mission Statement:** We support Chatham residents age 60 and over with a range of health and wellness, social, educational and outreach programs and services to enhance the quality of their lives. We welcome the support of Chatham residents of all ages to promote our mission through community service and resource development.

**Values Statement:** Since its inception in 1974, the Chatham COA has worked to unify the community in enriching the lives of our over 60 population and those who are caregivers. We offer a wide range of programs and services which are health and wellness oriented and which promote congenial, social and educational opportunities. As a dynamic organization the CCOA must work in these times to meet

the evolving needs of Chatham's over 60 population. To that end the CCOA shall be guided by these core values:

- A. We welcome all residents, both those ages 60 and over who are eligible for our services and those of all ages who wish to contribute volunteer service to their community.
- B. We affirm the dignity and value of all Chatham residents.
- C. We safeguard privacy and confidentiality.
- D. We commit to ongoing outreach efforts to identify the needs of at-risk residents age 60 and over, and in partnership with other agencies and resources, arrange for consultation, intervention and referral as needed.
- E. We celebrate the contributions of all who partake in and support CCOA's programs and services.
- F. We commit to ongoing research and evaluation to identify new needs and self-assess our effectiveness.

**FACILITY:** The new Council on Aging (COA) facility process continues to move forward according to the Project Process Overview timeline.

Following the presentation of the Space Needs Program in November 2017, the Board of Selectman (BOS) authorized staff to issue a request for proposals for private parcels meeting the minimum site area requirement (1.5 acre or more). They simultaneously issued direction for staff to submit a draft funding article request to 2018 Annual Town Meeting for feasibility study funding for schematic design and Owner's Project Management (OPM) services to develop the concept plan for future BOS approval. On May 14, 2018 Article (#14) was unanimously passed at Annual Town Meeting. This article requested that, contingent upon the identification of a site to be determined by the BOS, the Town appropriate the sum of \$100,000 to fund a Feasibility Study, OPM costs and related tasks for the completion of a conceptual design and cost estimate for a new COA facility. After rejecting the proposals for purchase of private parcels, the BOS voted unanimously on November 26, 2018 to pursue siting a new COA facility on the Town-owned, Middle Road property. In December 2018, Pomroy Associates was hired as the Town's OPM for the COA facility project. At the time of this report, the request for qualifications for architectural and design services for the new COA facility is being advertised with a January 2019 deadline.

The Project Process Overview timeline identifies Concept Approval, an Annual

Town Meeting Capital Article for Design Development and Construction funding and Contract Approval as decision and funding milestones and opportunities for stakeholders to participate in and give input to the Town.

The Project Process Overview and all previously reviewed presentations and materials are available at [www.chathamcoa.com](http://www.chathamcoa.com).

**PROGRAM AND SERVICE HIGHLIGHTS:** CCOA Programs, Services and Activities are detailed at [www.chathamcoa.com](http://www.chathamcoa.com) and in the monthly "Flash" newsletter, free to all subscribers.

**Senior Tax Work-off Program:** The CCOA successfully implemented Year 6 of the Senior Tax Work-off program. Twenty participants worked 1,180 hours and volunteered an additional 118 hours in twelve different departments/divisions, completing projects not achievable with regular Town staffing. As of 12/31/18, halfway through Year 7 of the program, seventeen participants have worked 254 hours in ten Town departments.

**Service, Social & Recreational Offerings:** In keeping with the CCOA's Mission and Values, CCOA continues to offer a variety of health education and screening options including blood pressure & wellness clinics; the comprehensive Spring Health Fair; monthly hearing screenings; memory screenings; foot care services; health & wellness programs; legal services; tax preparation services; Medicare Part D Open Enrollment clinics; varied caregiver support options; access to diverse support offerings through referrals; transportation services; computer, tablet and smartphone classes; topic-specific seminars, community education and information sessions. The benefits of social eating and peer support are well-documented and can be seen at: monthly Day Trips around the region; CCOA Café gourmet lunches and soups to go; Lunch & Show entertainment; ESCCI congregate lunches; CCOA Cinema free movies; Cooking Classes; Fitness Classes including Fit, Fun & Fall Free and Chair Yoga; Men's weekly discussion groups; Busy Fingers knitting & needlework; Bridge, Cribbage and Scrabble programs; Women's Wisdom monthly discussion group; free Lending Library, used book sale and low-cost greeting card shop; seasonal performances, holiday shows and themed entertainment. New this year at the CCOA were several programs carefully cultivated to continue following up on the key findings and recommendations from the 2016 Community Needs Assessment. The appeal of these programs was seen as they attracted a broader age demographic and residents not previously utilizing the CCOA. Artful Aging, Do It

Yourself-creative arts classes, Journaling to Remember, Master Gardener presentation, Pizza with Police, Podcast Club, Spuds with Your Buds, Tick Training, Travel Training, Veteran to Veteran Cafes, Wings motivational program, the World's a Stage Drama Class and more made their debut in 2018!

**OUTREACH:** Aging is a dynamic process that leads to new abilities and knowledge. Outreach staff worked this year to take advantage of the opportunities an aging population can bring, while supporting the desire of most to remain in their residence in the Chatham community.

**Healthy Aging Cape Cod:** In January 2018 regional planning to support age-friendly and dementia-friendly communities was identified as a best practice by both the Massachusetts Municipal Association and by Governor Charlie Baker. During 2018 all fifteen Cape Cod Towns signed on to participate in a two-year, age-friendly initiative run by Barnstable County Human Services and funded by the Tufts Health Care Foundation. The Town of Chatham is currently using the resources of this initiative to advance the community goals of creating a sustainable and livable community for all ages.

**Multi-generational Priorities:** Grandparents raising grandchildren is a growing trend locally and nationally. For reasons from drug addiction to mental and physical health issues and economic challenges, some parents are not present while the grandparents care for the children either temporarily or permanently. CCOA Outreach staff have been proactively seeking out older residents that have taken on the responsibility of raising their young grandchildren. These families require assistance addressing economic, legal, housing and insurance questions. Partnering with Monomoy Community Services, local charities and participation in the Grandparents and Other Kin Task Force has allowed Outreach to expand the support options available to these families when retirement is postponed, and grandparents take on the unexpected parenting of their grandchildren.

**Healthy Meals in Motion Mobile Food Pantry & Pantry to People Expansion:** Monomoy Community Services joined the Healthy Foods in Motion (HMIM) program at the Chatham COA in March 2018, becoming the first intergenerational food distribution model using the mobile pantry HMIM program. This CCOA, the mobile Family Pantry and Monomoy Community Services serves residents through pre-ordered, pre-bagged healthy food available for pick up

locally at CCOA. HMIM can be an element of a good financial plan that allows participants to utilize their cash for other necessary life expenses.

#### **Seasonal Residents and Visitors: CCOA**

Outreach worked with many seasonal visitors requesting assistance with vacation preparation. These multigenerational families were looking for information about services in the Chatham area that would support older families such as accessibility to band concerts, wheelchair access to beaches, navigating the Chatham retail shops and dining facilities. Many of these families were not seasonal residents but summer visitors who are renting homes for a family vacation with young children and older family members. Much of the work done on their behalf was not recorded in the MySeniorCenter database or recorded in the monthly statistical reporting due to the brief, transient nature of the interactions. These information exchanges were marked by walk-in requests, on a strict time table due to vacation schedules. CCOA Outreach worked to accommodate these unscheduled appointment needs.

**Winter & Holiday Season:** Preparation for winter heating needs and holiday food distribution planning began as the summer resident and visitor needs declined. Annual, seasonal programs include Fuel Assistance, Healthy Meals in Motion, Pantry to People, Turkey Distribution and gift cards for the upcoming Thanksgiving and Christmas season (funded by the Friends of the Chatham Council on Aging). The holidays can be a time of social isolation due to geography, financial limitations and a lack of transportation. The Chatham COA Outreach staff partnered with multiple community entities to ensure the community's older residents had an opportunity to celebrate throughout the holiday season. Additional time was spent coordinating volunteers for fall and holiday season events, the COA's busiest programming time.

**Emergency Storm Response:** Throughout March 2018 Chatham's older residents and caregivers were greatly impacted by a series of weather events that highlighted the opportunity to compliment the Regional Shelter system with community-based supports. Frequent, prolonged periods of power loss resulted in cold homes, no phone service (landline and cellular were both effected) and lack of fresh food. Throughout the month the COA provided warmth, an opportunity to recharge cell phones, warm beverages and light snacks. Most of the residents that visited the COA due to power loss were frail elders or older, single, female residents. These citizens

are accustomed to New England winters but the severity of the wind damage and resulting long term power outages compounded with their age brought these people to the COA facility seeking information and support.

**Resource Gaps:** CCOA Outreach and community service partners continue to be challenged by the gap in available mental and behavioral health resources. As a non-clinical community resource, CCOA works daily with these issues and uses Outreach resources to deescalate and help manage crisis situations. Coordinating with municipal public safety partners, Outreach and CCOA staff are confronted with long term, untreated behavioral and mental health issues compounded by age-related problems. There are limited community based mental health resources to provide stabilization and support for residents. Chatham's public safety budgets are impacted by this healthcare gap with repeated calls to Police and Fire/EMS. Professional development and training in this area was a priority need noted this year.

#### **Public Safety and CCOA Collaboration in the Community Risk Reduction Program (CRRP):**

The Chatham Fire Department and the Chatham COA developed a Community Risk Reduction Program (CRRP) that is meant to identify, prioritize and protect the senior citizens of our community. This program began providing Home Hazard Assessments (HHA) for residents who choose to participate. Targeted invitations to all Reassurance Program and Special Assistance Program participants were mailed out in late summer. These participants received recommendations at the time of the assessment and follow up via phone and email by COA Outreach. While the "soft rollout" of this program is still working to gain momentum, the residents who had assessments had positive experiences and have been encouraging friends/neighbors to contact the COA to also have their homes assessed. The first participant raved that it was "an extremely relaxed experience. It in no way felt like an inspection; they offered a few recommendations. I thought about it afterward and realized maybe they prevented me from breaking a hip sometime in the future. I highly recommend this program, highly".

#### **THANK YOU**

The Chatham community once again owes many thanks to the Friends of Chatham COA. The Friends is a private, non-profit corporation which continues to support the CCOA tremendously through volunteerism and fundraising efforts. This CCOA support group further contributes to community

outreach and goodwill through the free coffee bar and monthly birthday parties which are funded and run by Friends volunteers. The Friends pay for the CCOA newsletter postage and provides tuition to Supportive and Medical model Adult Day Programs for clients with demonstrated need. The Friends financially supports many CCOA programs and other miscellaneous needs not covered by the CCOA's Town budget.

The CCOA relies heavily on volunteers to provide help with critical positions such as librarians, dining and kitchen help and blood pressure clinic organizer among others. Thank you to the 37 volunteers who gave over 3000 hours of their time to the Town of Chatham during 2018. The Executive Office of Elder Affairs conservatively estimates the value of this gift to be over \$62,000!

#### **BY THE NUMBERS**

##### **Total Unduplicated Clients/Participants**

<b>Served</b>	1,418
<b>Category</b>	2018
<b>Outreach</b>	Active Clients: 434
Age >85:	143
Age 75-84:	130
Age 60-74:	150
Age <60:	11
<b>Program Attendance</b>	Participants: 955
Units of attendance:	8,801
<b>Transportation</b>	Clients: 130
One-way rides:	3,511
<b>Volunteer Management</b>	Volunteers: 37
Hours of Service:	2,993

##### **2018 CCOA Personnel:**

Mandi Speakman	Director
Eva Souza	Outreach/Volunteer Coordinator
Stephanie Shea	Outreach Coordinator
Maura Hall	Program Coordinator
Nancy Michniewicz	Receptionist
Debbie Mayhew	Secretary

##### **Bus Drivers:**

Steve Heffron	Dick Hosmer
Roger Kallstrom	Paul Robinson
Ralph Spaduzzi	

**Respectfully submitted,**

**David Speciale**

**Chairman, CCOA Board of Directors**

**Mandi Speakman**

**Director, Chatham Council on Aging**

## **Cultural Council**

In Massachusetts public funding for the arts, humanities and interpretive sciences is provided through the Mass. Cultural Council, a central agency. Chatham Cultural Council is part of a network of local councils that serve every city and town in the state.

This year the Council had 25 requests for funding for 2018-2019. We granted full or

partial funding to 23 of the applicants in the amount of \$17,492.00.

Our funds are provided by the Mass. Cultural Council (\$4,500.00) and the Town appropriates \$4,000.00 under the Community Service Department, with additional funds raised from our donor campaign. Future fundraising ideas are being discussed, including a major fundraiser with the Chatham Orpheum Theater.

Field trips and enrichment programs in the Chatham Elementary School and the Monomoy Regional school system are often funded. These programs are not ordinarily funded through the school budget. Programs for the senior community have also been granted funds. A wide variety of applicants were accepted this year.

On September 1, 2018 the notification for grant applications was published in local newspapers. The grant applications are completed online with guidelines from the Mass. Council's website. The applications must be submitted by October 15th each year, then they are reviewed and voted on by the local Council.

There are nine members of the Council who were appointed by the Board of Selectmen to serve terms of three years. The Council's meetings are held once a month and are open to the public. Council members provide the administration to adhere to Town and State regulations as well as State required on-line reporting.

Sharon Drown is our staff liaison and assists us with our fiscal reporting and application process. She is a valuable resource. Cory Metters is our liaison to the Board of Selectmen. We are grateful to both.

**Respectfully submitted,**  
**Cecile Maranhas and Jacquelyn Casey,**  
**Co-Chairs**

## Economic Development Committee

The Economic Development Committee (EDC) is primarily concerned with the need to balance responsible economic development and sustainability with the need to preserve and improve the quality of life in the Town of Chatham. The EDC is a group of civic-minded residents, business owners, family leaders, and members of the local community with a vested interest in the future of the Town.

The EDC met ten (10) times during 2018. The EDC's efforts during 2018 primarily concentrated on continuation of 2017 groundwork. Effort was once again widespread, with focus on two major topics, 1. continuing analysis of the 12/29/15 request from the Board of Selectmen to identify ways the Town can encourage greater age diversity

and maintain the youth of the Town; and 2. analysis of the economic implications of the status of the Town Municipal Water Supply and associated infrastructure. The EDC also discussed and analyzed various other topics having Town economic implications.

1. In 2016 the EDC identified the main diversity issue to be the exodus of and inability to retain or attract 18 - 44-year old adults to the Town of Chatham and further identified a primary driver to be the high cost of living in Chatham. In 2018 the EDC continued to work to address ways the Town can mitigate this burden both in the present and into the future. EDC supported the formation and inception of the Chatham 365 Task Force to more comprehensively address the sustainability issue. EDC is now shifting into discussion and economic analysis of the housing and employment aspects of the demographic issue.

The EDC reiterates the belief that Town Staff, all Town Committees, as well as the Board of Selectmen should consistently work to reject cost increases that affect this demographic. EDC economic analysis of every discussion topic specifically reviews potential impacts to this vulnerable group and EDC has and will continue to provide recommendations to the BOS on those relevant topics the group believes to be specifically important.

2. In late 2017, EDC concluded that the Town is simultaneously facing 3 major problems – aging/insufficient existing infrastructure; the significant expense, construction time, and geographical difficulties of new infrastructure; and rapidly increasing water demand. EDC believes these factors have the potential to together create a perfect storm that manifests in a major water problem, the consequences of which would have negative implications for the public and all sectors of the Town economy. At the same time, EDC recognizes that funding additional infrastructure solutions will exacerbate the high cost of living in Town and particularly the younger residents. The EDC formalized these views in an 11/22/17 memorandum that opposed the structure of proposed new water rate increases and further recommended that the Town shift focus to consider a new global water strategy:

*“... it will be in the best interest of the Town to develop an education campaign as well as an incentive program to encourage private well installation for larger users. The objective would be to shift the burden of supplying residential irrigation water off of the Town infrastructure and on to private infrastructure.”*

In early 2018, the EDC presented the analysis and three recommendations contained within

the water memo to the BOS which resulted in three unanimously approved motions.

EDC also identified and discussed inherent problems that could arise by calculating household Sewer Flow using incoming water meter readings, including the potential significant value of sewer charges for exterior household usage that never reaches the Sewer Plant.

The EDC will continue to discuss and monitor the topics of “Demographics” and “Town Water” and provide recommendations when appropriate.

Beyond these two major topics, EDC also explored and analyzed a wide range of topics having potential economic implications to the Town and to the Town residents. EDC met with Town Planner Aly Sabatino to review multiple drafts of a new Accessory Dwelling Unit Bylaw and provided analysis and input. This will continue to be a focus topic into 2019. EDC analyzed the Evolution of Town Revenue (Fees vs. Taxation) over the previous 10-year period to establish a baseline for expected future increases. EDC discussed the merits of a possible Name Change to the Chatham Economic Sustainability Committee but elected not to expend the necessary effort at this time. EDC identified potential areas for improvement to the general system of Town Government that could encourage greater and more age-diverse participation and initiated preliminary discussions on the concept of Modernization with respect to topics ranging from computerization of Town Meeting to increasing the efficiency of tracking advisory board recommendations. The EDC monitored the efforts of the Eldredge Garage Planning Committee as well as the progress of the Short-Term Rental Tax which will become a high-focus topic in 2019.

These are examples of the types of issues the EDC is tackling to ensure the future sustainability of Chatham's economy. The EDC welcomes broad participation in their efforts and looks forward to continuing to work closely with the Board of Selectmen and other Town boards, commissions, and committees.

The EDC continues to maintain the fiscal position to not support taxation or fees as a source of revenue generation in the absence of the demonstration of specifically enumerated financial need.

**Respectfully submitted,**  
**Luther Bates, Chairman**

## Eldredge Public Library

The Eldredge Public Library had another busy year, focused on meeting the needs of our community. We continued to offer resources, services, programs and materials

for our local residents as well as our visiting guests. The total circulation of library items was 119,023 and we offered 813 programs to people of all ages with 14,914 people in attendance. 9,505 people have a Chatham library card, of which, 4,186 are Chatham residents.

Our biggest event this year was saying good bye to Director Irene Gillies after 39 years of service to the Eldredge Public Library. We had two well attended retirement parties and sent Irene off in style. Starting in April 2018 Amy Andreasson became the new Director, and Tammy DePasquale became the new Assistant Director. At the May town meeting the voters of Chatham unanimously supported the library landscape upgrade project. We look forward to improved safety and accessibility, as well as improvements to the library grounds to enhance the beauty of this historic building. Youth Services is in year two of a federal LSTA grant, "Chatham Reads," from which the library has benefited through enhanced library space, programming and resources.

The Friends of Eldredge Public Library and their dedicated group of volunteers were busy all year, helping at the circulation desk, mending books, arranging for programs, running Learning Series classes, providing refreshments and seasonal décor, and maintaining a year round book sale. The Friends provided us with many "extras" this year, including updated wireless access points, a new director's desk, shelf backs for the stacks, a podium, a charging station, window blinds, a new coat of paint for the meeting room and more. Their funding made sure that we could provide the programs in Youth Services that encourage and support our literacy efforts. They also very generously provided Book-Page, Wowbrary, museum passes, Constant Contact and funds for adult programming and computer upgrades. Their contributions make all the difference in the services that the Library provides. Sincere thanks to all our wonderful Friends of the Library!

We had some changes to our Library Board of Trustees. In 2018 we welcomed Kerry Brown and Joan Greene. We said goodbye to Stephanie Bartlett who has retired from the Board of Trustees after many years of service and Alice Popkin who passed away in July. We offer our thanks to Dean Nicastro, who is our Board of Selectmen liaison to EPL.

Finally, I would like to acknowledge our dedicated and knowledgeable Library staff for their capable, creative, and diligent work. Not only are they the face of our library, but its heart and soul. We look forward to the challenges and opportunities coming in 2019!

## Library Trustees as of December 2018

<b>President</b>	Gay Murdock
<b>Vice President</b>	Robert Lear
<b>Treasurer</b>	Sally Stratman
<b>Assistant Treasurer</b>	Alan Sachtleben
<b>Clerk</b>	Joan Greene

## Members

Joseph Gagliano	Kay DeFord
Carol Odell	Dee Burlin
Carol Garey	Kerry Brown
Daniel Brown	Nick Harris
David Wister	

## CIRCULATION – FY2018

Books	57,778
Magazines	390
Audio: CDs, Playaways	7,121
Video - DVDs	23,022
Audio Downloads	3,543
E-Books	10,787
Total onsite loans:	103,713
Inter-Library Loans:	
Received (14,554) * included above	
Loaned	15,310
<b>TOTAL CIRCULATION:</b>	<b>119,023</b>

## Circulation Breakdown

To Chatham Residents	95,418
To Other Massachusetts Residents	14,101
To Out-of-State Residents	9,504

**Respectfully submitted,**  
**Amy Andreasson, Director**

## Emergency Management

The fundamental missions and phases of Emergency Management are Mitigation, Preparedness, Response, and Recovery for natural and man-made disasters. The Emergency Management Department is tasked with developing, exercising, and modifying plans on how Chatham deals with these events.

Within CY2018/FY2019, we transitioned from the dual role Emergency Manager/full time Deputy Police Chief model, to a part time, dedicated Emergency Manager position, timed with the retirement of Deputy Chief Cauble. Deputy Chief Cauble, who put in enormous time and effort making Emergency Management work successfully, recognized the need to have someone dedicated to this role and successfully lobbied to create the stand-alone position. The Department now consists of the Emergency Manager, and the Emergency Management Director and Deputy Directors who are full time employees of Police, Fire, and Harbormaster Departments.

Following the March storms of 2018, the importance of this new position became obvious. Hiring the stand-alone Emergency Manager has proven to be a huge success in

the short time we have had it and is allowing Emergency Management to address a greater number of critical initiatives and vulnerabilities that our Town faces.

Since we have filled the Emergency Manager position, we have had multiple meetings involving representatives from all Town Departments and agencies, with outside agencies such as FEMA, MEMA, American Red Cross and the Barnstable County Regional Emergency Planning Committee, the US Coast Guard, US Fish and Wildlife Service, and with local citizens with an interest or background in Emergency Management. From these meetings, we have updated the plan for activating and staffing an Emergency Operations Center (EOC) and coordinating and managing typical and unusual storms and events.

Our goal is preparedness and community involvement to ease the burden and inconveniences we experience from disasters. In our efforts to adapt, overcome and prevail we are working to best prepare the community for the "next big thing". As a sea-side Town surrounded by the Atlantic Ocean, Nantucket Sound and Stage Harbor we are vulnerable to flooding and high winds. As such we are aware of the consequences of ocean storms. We continue working to best prepare our community for storm events.

We have partnered with the Massachusetts Maritime Academy Emergency Management program to have two students serve their mandatory internships in Chatham. They will be preparing the required update of the Town's Comprehensive Emergency Plan (eCEMP) with MEMA, developing and conducting a Table Top Exercise for a winter storm event that will include all Town departments as well as State and Federal agencies. They will also be developing standards and operational guidelines for Personal Care Stations (PCS) – formerly referred to as temporary warming and cooling stations by MEMA and FEMA.

The Emergency Manager and other Town personnel are being certified as trainers to enable the Town to offer Citizen Emergency Response Team (CERT) training to community members. CERT training in conjunction with the Citizens Police Academy and Citizens Fire Academy will build a strong community presence of preparedness. We will be rolling out the CERT program for interested Chatham residents in the fall of 2019.

Working with citizens and local newspapers and Town media, we are emphasizing the importance of registering for the Chatham SWIFT 911 notification system and having a "go kit" ready should there be a need for evacuation. Communication is vital during

events and keeping our community informed of the availability of resources, current hazards and impending situations is key. We want to create redundancy in communications to ensure we get information out to as much of the community as possible whether through SWIFT 911, radio, television, social media, etc. Enrolling in SWIFT 911 enables community members to receive critical information and is an effective means of receiving updates.

The Emergency Management team will continue to increase the Town's capabilities and competencies to deliver the high level of preparedness and service expected. Thank you to the community members that have that have volunteered and continue to assist to enhance our preparedness.

**Respectfully submitted,  
John Kondratowicz, Emergency Manager**

## Energy Committee

The Chatham Energy Committee (CEC) meets every other month, presently on the first Wednesday starting in January. The Committee started the year with five members, (John Scott, Bob Wirtshafter, Katie McClellan, Cooper Kelsey, and John Poignand). John Scott left the Committee and Bob Wirtshafter was elected chairman. The CEC's role is to consider all aspects of Chatham's use of energy, as well as promote economy, efficiency and conservation. With the guidelines of the Committee-prepared "Town Energy and Resource Conservation Policy", the CEC continues to promote new and existing energy-saving and energy efficiency programs in Chatham. The focus includes developing energy policy, municipal building audits for conservation, using energy management software to track monthly gas and electricity use, and discussing "stretch" building codes with local builders.

The CEC had four main agenda items in 2018.

- Working with Cape Light Compact (CLC) to pursue energy efficiency.
- Working with Cape and Vineyards Electric Cooperative (CVEC) to monitor existing solar projects and initiate new opportunities.
- Encouragement of township purchase of electric vehicles and charging stations
- Pursuit of Green Community designation for Chatham.

Former CEC member, Peter Cocolis, is Chatham's representative on the Board of the Cape Light Compact (CLC). CLC is funded largely by a small surcharge on electric bills. It competitively negotiates residential and municipal electricity rates, offers free energy audits, and provides grants to fund energy efficiency and conservation projects to all Cape residents, businesses

and municipalities. During 2018, the CEC continued to promote the CLC free energy audits so that more Town residents and businesses can benefit from the program. In 2014 CLC replaced all 560 Chatham streetlights with far more efficient LED lights, at no cost to the Town. This is annually saving Chatham about \$28,000 in electricity and maintenance costs. Most other exterior lighting of Town property is now also LEDs.

John Scott was Chatham's representative on the Board of Directors of CVEC (He will be replaced by Bob Wirtshafter in 2019). CVEC promotes and builds renewable energy generation facilities. The facilities provide electricity and financial benefits to CVEC member towns. Through CVEC, Chatham has three solar generation projects: the Chatham Landfill Project and rooftop projects at the Police Station and the Town Hall Annex. These three projects saved Chatham over \$220,000 in each of the four years of their operation. A new phase of renewable energy facilities includes Chatham's new fire station. Final approval for this project was just obtained in early 2019.

The Committee was instrumental in encouraging the Town's leasing of four electric vehicles. The Committee met with a consultant Evan Melillo to discuss the MASSEVIP Electric Vehicle and Charging Station Grant. This grant helped structure leases so the Town could benefit from the tax credits available for purchase of electric vehicles. The Committee is working with Tesla regarding installation of charging stations at public beaches. The Committee voted to recommend to TM that electric vehicles be considered for all future auto replacements.

The Committee continues to pursue many of the Green Community Act's criteria and began a concerted effort to get Chatham designated as a Green Community. We have enlisted the help of Cape Light Compact to help draft materials needed to qualify. We have also initiated an information campaign to reach out to builders to gather their support for the passage of the Stretch Code provision. The goal is to put the Stretch Code bylaw on the May 2019 Annual Town Meeting Warrant.

**Respectfully submitted,  
Robert M Wirtshafter, Chairperson**

## Finance Committee

The Town Moderator appoints the nine-member Finance Committee for three-year terms. As required by the Town Charter and By-Laws, the Finance Committee is to (i) consider the detailed expenditures for each Town department and agency, (ii) make budget recommendations to the Board of

Selectmen and (iii) to report to Town Meeting its recommendations on each article in the Warrant, regardless of whether the article is related to the budget. Under authority granted by Massachusetts General Laws, the Finance Committee also "shall consider any or all municipal questions for the purpose of making reports or recommendations to the town...." The Finance Committee is dedicated to serving in the interest of the Chatham taxpayer.

With respect to topics which have most animated the Committee this year we continue to have a real concern over the scope and scale of the new Council on Aging building, believing strongly that the current building proposal is both too large and likely too expensive.

We believe the Town made a significant advance by implementing the recently debuted Capital Improvement Plan ("CIP")—whereby budget-based capital spending decisions are made according to a systematic ranking process. At this point however, the CIP is only applied to spending decisions embedded in the budget, and not to the larger Warrant-based spending items. Given the size of Warrant-driven spending relative to capital spending in the Town's annual budget (approximately \$5,000,000 versus \$2,000,000 for FY19) the Committee believes it important that the Town Manager works to extend the CIP process to all capital spending, regardless of how it is characterized for the Warrant. We believe this issue becomes even more critical when one considers that the Town currently has a roster of over \$65,000,000 in potential capital spending over the next five years. There is a clear need to objectively assess and prioritize this roster of spending.

We continue to believe that the Town needs to refine its method of estimating free cash which, by policy, is expected to fall between 3% and 5% of the operating budget. For FY19 free cash amounted to 11.7% of the operating budget, or \$3,450,000. The policy miss—the difference between the upper target range of 5% and the actual figure of 11.7% effectively cost the Chatham taxpayer 29 cents on their tax-rate last year. Given that over-funding free cash is simply a non-transparent tax-increase on the taxpayer, we urge the Town to do a better job in this estimation.

From a financial perspective, the tax rate for fiscal year 2019 was \$4.85 per \$1000 of valuation, compared to fiscal year 2018's \$5.03. The value of assessed property in town (residential, commercial, industrial and personal) increased by 4.6%, valuing all property in Town at over \$7 billion. The

combined budgets of the Town—operating, schools, water and capital—increased by just over 1% between FY18 and FY19 to a bit over \$44,000,000. Town Meeting approved just over \$5,000,000 in debt exclusions and other out-of-budget capital spending projects.

As we noted last year, the Town of Chatham benefits enormously from the valuation of the properties in Town, and everything which underlies those values, resulting in the lowest tax rate on the Cape. The Town enjoys firm financial footing, and our assets—both man-made and natural—are the envy of many. Nevertheless, there continues a modest sense of unease amongst Committee members as the pace of spending on significant capital projects continues. It's not clear how the Town will afford everything it hopes to accomplish, especially given the tendency towards somewhat grand projects. It is our obligation to be prudent stewards of the taxpayers' funds.

We would like to thank Roz Coleman and Steve West, who recently retired from active duty on the Finance Committee, for their years of dedicated service to the Committee and the Town.

The Finance Committee will continue to work with the Board of Selectmen, Town staff, committees and Town Meeting voters on behalf of the taxpayers of Chatham and remains committed to offering an independent voice in making recommendations to Town Meeting, and on other matters of import to our Town.

**Respectfully submitted,  
Stephen S. Daniel, Chairman**

## Fire Rescue Department

The Chatham Fire Rescue Department is a community driven organization, dedicated to providing protection of life, property, and the environment through community risk reduction, advanced medical care and fire suppression. The Department's goal is to provide the highest level of public safety possible with the resources allocated to the Department.

The Fire Department responds to medical emergencies, fires, explosions, water and ice rescues, technical rescue, dive rescue, hazardous material emergencies, and man-made and natural disasters. The Fire Department conducts fire and life-safety inspections, enforces codes and ordinances, investigates fires, gathers and preserves evidence, and provides public education.

Our firefighters, EMTs, and paramedics hold themselves and each other to a high level of ethical standard, with professionalism, integrity, and compassion being at the core of every decision we make.

Following the retirement of Captain Matthew Flynn at the end of 2017, Ralph Silvester was promoted from Lieutenant to Captain, Firefighter Ryan Holmes was promoted to Lieutenant, and Firefighter Bretton Johnson was hired.

During Hurricane Harvey, one of our Department members was deployed to Houston as part of the Federal FEMA task force for rescue of those trapped by flooding. Following Hurricane Michael, two of our Department members deployed to North Carolina as part of the Massachusetts Technical Rescue Task Force to conduct search and rescue in the flooded areas there. The State assets were deployed through a Mutual Aid request from North Carolina via EMAC, and the costs are reimbursed by FEMA. (EMAC, the Emergency Management Assistance Compact is the most utilized mutual aid agreement in the nation. To become a member of EMAC, each State Legislature passed the standard language of the Compact and adopted it into law.) We are happy to be able to provide this type of assistance – which we consider one of our Core Values – “To do the right thing, at the right time, for the right reason”. In the words of Kurt Schwartz, Director of the Massachusetts Emergency Management Agency, there is no better way to prepare our responders for catastrophic events at home than getting “boots on the ground” experience at real world disasters. The Fire Department and Town administration concurs.

Members of our Technical Rescue Team participated in Operation Vigilant Guard, the largest Homeland Security drill every conducted in Massachusetts. Chatham team members helped develop scenarios for and conducted operations in this Federally funded MOBEX (mobilization exercise) simulating multiple diverse and widespread natural and manmade catastrophes. This multi-day, around the clock exercise involved a wide range of local, State, Federal and Military assets.

In 2018, the Department responded to 3,149 incidents – the busiest year this Department has ever had. While some of this increase can be attributed to the March storms, 2018 would have been our busiest year without them. Our EMT's and paramedics transported 1152 patients, 95 more than in 2017, generating \$654,524.46 in revenue, just under 10% more than in 2017. We saw a 12% increase in patients who required Advanced Life Support interventions by paramedics, and we continue to note an increase in the number of patients experiencing substance abuse and mental health issues. There were several significant fires where structures were heavily involved in fire upon

our initial notification and arrival. These high risk, low frequency events are at the core of our monthly fire training program. There were more than 1700 hours of fire training conducted in 2018, which proved its importance and value as these fires were quickly and efficiently placed under control and extinguished without complication or injuries to our members or the public.

Our firefighter EMT's and Paramedics received more than 1300 total hours of medical training and education training being provided in 2018.

The Fire Prevention and Inspections office continues to be active with residential and commercial plan reviews, safety and code enforcement inspections, permitting, and plan review, generating \$24,900 in revenue, an approximately 36% increase over 2017. The office also conducted numerous fire drills and fire extinguisher and safety trainings for businesses and homeowners.

Our Fire Prevention Education Officer was awarded a State S.A.F.E. grant for fire safety and education in the schools, and a Senior S.A.F.E. grant for fire and safety programs for our seniors. He, as well as our EMS Coordinator, have trained several hundred people in CPR, AED, Narcan, and first aid classes.

The Fire Prevention Education Officer, EMS Coordinator, and Fire Inspector are members of the Chatham Cares coalition. This group is working and meeting regularly with members from the Chatham COA, Chatham Police, Board of Health, and the VNA to identify at risk members of our community and develop and implement safety and injury prevention strategies. In a proactive cooperative effort with the Council on Aging, and within our existing safety outreach budgets, we inaugurated a Senior Risk Reduction program. At the request of a senior, this program provides a home inspection by the Fire Department and the Council on Aging to identify, and mitigate life and safety hazards through team efforts or by assisting the homeowners in locating a contractor to correct the safety issues. We conducted our second very successful eight week Citizens Fire Academy, which we will continue to offer. These sessions are provided by Department members who receive no compensation for the time they spend in the classroom.

In a sad commentary on the risks we must prepare for today, we have provided several hundred people with Stop the Bleed training, provided Department members Active Shooter training, and participated in a multi-Town, multi-agency Active Shooter School exercise, conducted Run, Hide, Fight programs, and related drills. Many of the drills and exercises

are done along with our colleagues from the Police Department to help us better integrate with the roles we each would have at these events.

As Fire Chief, I thank all of our firefighters for their commitment and faithful service, and on their behalf, I thank all the Town Departments and officials for their assistance and cooperation, and the residents and visitors for their positive comments and support.

**Respectfully submitted,  
Peter Connick, Fire Chief**

## Golf Advisory Committee

In 2018, the Golf Advisory Committee had Sheila Nugent, Christine Daly and Mike Stello join the Committee to replace Carl Bertolino and Dave Devlin who both resigned.

The Golf Advisory Committee applied to the Community Preservation Committee (CPC) for funds to replace the women's and the men's artificial tees on the 4th and build steps and a retaining wall for the tees. The proposal was supported by the CPC and approved at Annual Town Meeting. An RFP was written and placed. One bid was received and accepted. The tee work was completed in December 2018 and looks great. Even some of the neighbors like it. We also were able to build new grass tees for the women's 2nd and the senior/women's 9th.

The Golf Advisory Committee continues to update, prioritize potential work projects and options for funding. A new application was submitted to the CPC in December 2018 to address the removal of invasive plants on the 5th and 4th holes. The CPC voted to approve two similar projects at Marconi Station & Nickerson House but did not approve the request for the golf course. We will try again next year and work with Town staff on alternatives. The Golf Committee is pursuing Americorps volunteers to remove invasive

plants on the 6th and 9th hole, as these projects are much smaller and doable by them.

The Golf Committee is working with Friends of Trees to replace some of the many trees that were girdled and cut down on the 8th/9th holes.

The current contract extension with Johnson Golf Management expires at the end of December 2019 and the Golf Committee is starting to prepare a new RFP.

Town Counsel wrote and mailed a letter to all abutting land owners to remind them that cutting any trees or plants on Town property is inappropriate. We have only had a few abutters that have not complied, but this should help raise awareness and hopefully compliance.

There continued to be significant improvement in the course quality and numerous comments were made by players and leagues alike. This year there were tournaments, golf instruction for youngsters, and special offers for Harwich residents to purchase a reduced-price membership. The course was played 19,000 times this year.

The public is invited to view the Golf Advisory Committee meetings which are available on Channel 18 archives on the Town website.

Projects that were completed during 2018 include (below):

**Respectfully submitted,  
Bruce Bogardus, Chairman**

## Herring Warden

2018 saw an increase in returning River Herring (alewives) which was encouraging given consistently low numbers over the past several years. High water levels in both Stillwater Pond and Lover's Lake throughout the season helped maintain favorable water flow in the Ryder's Cove run which facilitates the herring's ability to swim up the run to access the lakes to spawn. All Commonwealth herring runs remain closed to the taking of

herring as mandated by the Massachusetts Division of Marine Fisheries (DMF) to increase stocks. It is anticipated that the closure will remain in effect for 2019.

The Association for the Preservation of Cape Cod (APCC) and Massachusetts Bays National Estuary Program, Cape Cod Region (MassBays) sponsors a volunteer program of herring counts to assess trends in River Herring stocks throughout the Cape. This was the third year for conducting the census at the Ryder's Cove run. Sampling counts at the head of the run at Stillwater Pond for the past three years are:

<b>2016</b>	570
<b>2017</b>	74
<b>2018</b>	3048

The fishing quota for Atlantic Herring was reached early last year and large commercial midwater trawls were not operating during the prime migration period for River Herring. It is assumed the lack of midwater trawls operating off the east-side of the Cape contributed to the increase in herring observed at the run in 2018.

In September, the New England Fishery Management Council voted to support a year-round prohibition of commercial midwater trawl boats along a 12-mile "buffer" zone to protect Atlantic Herring. The zone extends from Maine to the tip of Long Island and extends even further, approximately 20 miles, along the eastern portions of Cape Cod and Nantucket. This proposal is now being reviewed by the National Marine Fisheries Service (NMFS) and a final decision on implementation is expected later in 2019. The taking of Atlantic Herring results in considerable by-catch of the anadromous River Herring which has been linked to declines in herring returning to runs throughout the Commonwealth. Herring is an important component to the ecosystem and represents a critical food source for other fish species. Creation of the buffer zone is strongly supported by the Cape Cod Commercial Fishermen's Alliance and many other groups, communities, and local fishermen.

We appreciate the efforts of Dr. Robert Duncanson for coordinating the census effort, and to the volunteers who participated in the census this past year. In addition, thanks are extended to Norman St. Pierre, and Ted Keon for their assistance in the seasonal maintenance of the herring run.

**Respectfully submitted,  
Donald St. Pierre, Herring Warden**

No parking sign for 7th gate	Put no parking sign on gate for emergency access to 7th fairway
Path from 8th green up to 9th	Establish a path from the 8th green up to the senior tee on 9
Plant bushes by 8th tee & course	Wayside to plant bushes near grass for trees and shrubs they cut
Ball mark repair signs	Put up signs for players to repair their ball marks on the greens
Place private property sign on 1st	Put up a private property sign on the 1st hole right
Redo front posts & rope	Redo front posts & rope at front of course
Rehang nets on 4th and 5th	Rehang/repair/replace nets on 4th (Mrs. Stevens) and 5th holes
Repair ball washer on 6th	Repair ball washer on men's 6th hole
Clubhouse door stoop	Repair clubhouse door stoop
Repair tiles in Men's Bathroom	Repair/reset 2 tiles in men's bathroom floor
Replace fence on by 7th/9th tee and CBI side of 6th tee	Replace posts and rails on Chatham Bars Ave
Replace benches as needed	Decide on standard and document benches, then replace
Add'l tees	Build grass women's tee on 2nd and senior/women's tee on 9
Replace artificial grass tees on 4th	4th Men's, 4th Forward (include trees, irrigation, walls)
Repave sidewalk near 5th/6th	Dig up roots and re-pave both sides of street (5th & 6th)
1st hole timer	Purchase and install timer and stand/post for 1st hole
New Bag Stand	Purchase and set up new bag stand in front of clubhouse

## Historic Business District Commission

Thank you for the opportunity to inform you of the work completed by the HBDC in its 2018 calendar year.

The HBDC held 21 meetings in 2018. 113 applications were reviewed in 2018 in comparison to 114 applications for 2017.

\$2,860.00 was generated through application fees compared to \$2,740.00 generated in 2017.

The application process has been broken up into three distinct categories; Exemptions, Administrative Approvals and Certificates of Appropriateness.

### APPLICATIONS INCLUDED

#### Certificates of Appropriateness

- 35 Applications for additions, alterations or new construction. (42 in the previous year)
- 33 Sign applications. (27 applications in the previous year)
- 3 Site improvement applications. (6 for the previous year)
- 6 Demolition/relocation applications (1 in the previous year)

#### Administrative Approvals:

- 15 Administrative Approvals (20 for the previous year)

#### Exemptions

- 13 Exemptions (5 for the previous year)
- Other Actions/Hearings:
- 6 Pre-applications (3 for the previous year)
- 0 Satisfaction of Conditions for approved Certificates of Appropriateness (0 for the previous year)
- 2 Site Visits (2 for the previous year)
- 2 Minor Modifications to Existing Certificates of Appropriateness (5 for the previous year)

Daniel Sylver was re-elected as Chairman, Darci Sequin as Vice Chair, Theodore P. (Sam) Streibert, as Clerk. Lynn Van Dine and Jackson Smith remain regular members and Richard Finnegan remains the HBDC's First Alternate. At this time, the Commission is absent a Second Alternate. Selectperson Shareen Davis is the HBDC's/ BOS Liaison. Sarah Clark, Central Permitting Coordinator, is the HBDC/ZBA Liaison and Chantel Kilkenny is the HBDC's Administrative Assistant.

**Respectfully submitted,  
Daniel Sylver, Chairman**

## Historical Commission

The Historical Commission under the Chapter 158 Historic Preservation Bylaw reviews applications for all major renovations or proposed demolition of structures greater than 75 years old, except for those in the Historic Business District. If a structure

is determined to be "Historically Significant" in accordance with the defined criteria of Bylaw and a compromise cannot be reached to save the historically significant structure(s), a maximum of an 18-month demolition delay can be imposed. In addition, in accordance with the Cape Cod Commission Act, the Historical Commission also reviews applications for modifications to historic structures in Chatham's National Register Districts (i.e. The Old Village & Marconi-RCA site) as well as other National Register properties in the town. If the proposed changes, exceed 25 % of the existing gross floor area of the structure and are determined to be a substantial alteration or in the case of a complete demolition of contributing structures in the National Register Districts, or a National Register property, it must be referred to the Cape Cod Commission for review and approval. The Historical Commission also has the authority to make "discretionary" referrals to the Cape Cod Commission in "Eligible National Register Districts."

In 2018, the Commission reviewed 34 applications for partial and/or full demolition of historic structures and 6 applications under the Cape Cod Commission Act. This compares with 27 applications reviewed in 2017. Of the 34 applications reviewed in 2018, the Historical Commission imposed 3 demolition delays and did not refer any applications to the Cape Cod Commission. In 2017, the Commission imposed 2 demolition delays and made no referrals to the Cape Cod Commission. The vast majority of applications are resolved without imposing a demolition delay or referral to Cape Cod Commission.

Unfortunately, 2018 saw the demolition of an historically significant, circa 1800, historic home on Stage Harbor Road, at the end of the demolition delay period. The Historical Commission attempted to obtain additional protection for Stage Harbor Road, one of the most historic streets in Chatham, by applying to Mass Historic Commission, for the "eligibility" status of Stage Harbor Road as a National Register District. Unfortunately, most of the residents on Stage Harbor Road voted against a National Register District listing. The Commission will be working with South Chatham Village residents in 2019 to obtain National Register District eligibility through the Massachusetts Historic Commission.

Although the Commission continues to believe that the Demolition Delay By-law is instrumental in preventing the demolition of some historic buildings and continues to be a constructive incentive for owners to work with the Historical Commission to limit the loss of historic structures, we are determined

to find ways to help minimize the loss of Chatham's historical architectural heritage.

The Commission continues to be engaged in numerous on-going programs and projects including: 1) The successful Preservation Awards Program, in cooperation with Historic Business District Commission and Chatham Historical Society, 2) Interpretive sign program for homes and businesses, 3) Active support of the Chatham Windmill Group in cooperation with Parks and Recreation for the operation of the Benjamin Godfrey Gristmill in Chase Park, 4) Consultation with Community Preservation Committee on applications requesting CPA funds for Historical preservation.

The Commission is proud of its efforts to recognize, preserve and restore the historical buildings in our community. We look forward to continuing to work with citizens, developers and municipal departments in our efforts to maintain and enhance the historical character of Chatham.

**Respectfully submitted,  
Frank Messina, Chairman**

## Human Services Committee

The Human Services Committee (HSC) is charged with identifying the human service needs of the Chatham community and promoting solutions that facilitate cooperation and collaboration, affordable and sustainable funding, and coordinated service delivery.

The Committee currently is composed of seven members and has two vacancies. The members are: Paul Brown, William Culinane, Joanne Donoghue, Cece Motz (Secretary), Randi Potash (Vice-Chairperson), Ann Wade (Chairperson) and Susan Whitcomb. Mandi Speakman, Council on Aging Director is the Committee Liaison.

The HSC annually releases a request for proposals to human service providers interested in serving the Chatham community. Review of the submissions may include a process of site visits, interviews and assessments by individual committee members who report back to the committee as a whole. At the conclusion of the review process the committee votes to recommend a comprehensive Human Services budget which is submitted to the Town Manager.

In 2018 the committee reviewed the Chatham Child Care Tuition Grant and 23 agency requests for funding and for the Fiscal Year 2020.

- AIDS Support Group of Cape Cod
- Alzheimer's Family Caregiver Support Center
- ARC of Cape Cod
- Behavioral Health Innovators, Inc.
- Cape Abilities

- Cape Cod Child Development Program
- Cape Mediation
- Children's Center (HECH)
- Consumer Assistance Council
- Duffy Health Center
- Elder Services of Cape Cod & Islands
- Food for Kids
- Gosnold on Cape Cod
- Homeless Prevention Council
- Independence House
- Lower Cape Outreach Council
- Monomoy Community Services
- Operation in from the Streets
- Outer Cape Health Services
- Prevent Homelessness (CECH)
- Sight Loss Services
- South Coastal Counties Legal Services
- VNA of Cape Cod

Two previously funded agencies did not submit proposals for FY 2020 funding:

- Big Brothers/Big Sisters of Cape Cod & Islands
- Women of Fishing Families

In addition to the work associated with reviews and recommendations for funding requests, the Committee has:

- Expanded the promotion of the annual request for proposals through varied media.
- Utilized a request for proposals process for the annual selection of the Administrator for the Chatham Childcare Tuition Grant program. The administrator is responsible, in part, for processing applications, awarding funds, ensuring the full utilization of funds and documenting unmet needs.
- Met with the leadership of organizations newly being recommended for funding: Behavioral Health Innovators who works to scale out a variety of solutions (evidence-based programs, digital solutions, research) to address behavioral health issues related to anxiety, depression and substance use disorder; Chatham Ecumenical Council for the Homeless-Prevent Homelessness who works to raise funding to provide financial assistance for those who are struggling with housing issues due to poverty, loss of employment, medical hardships and personal family tragedies; Church of the Holy Spirit-Food 4 Kids who has been working since 2013 to address food insecurity for children.
- Continued to meet semi-annually with Monomoy Community Service staff and board to review MCS budget, services and support it provides to Chatham students and families.
- Collaborated with new leadership and staff at the Graphic Arts Department at the Cape Cod Regional Technical School to keep

the Human Services brochure updated and distributed throughout the Town.

**Respectfully submitted,**  
**Ann Wade, Chairperson**  
**Mandi Speakman**  
**Director, Council on Aging**  
**Liaison to the Human Services Committee**

## Independence Day Parade Committee

The Chatham Independence Day Parade marked its 123rd version in 2018. It drew around 100 entries and attracted an estimated 28,000 spectators.

An entirely new committee consisting of myself, Jacquie Magiera, Judy Carlson, Noble Hanson and Niles Draper took over the planning of the parade with invaluable help from Project Manager Perri Kapp, staff liaison Chief Mark Pawlina, selectmen liaison, Cory Metters, and volunteer Paul Stuka.

Hank Hyora was Grand Marshal, and nine entrants won awards. The temperature was 86 degrees and was a beautiful sunny day. Everything went off without a hitch!

**Respectfully submitted,**  
**Justin Bohannon, Chairman**

## Land Bank Open Space Committee

The Land Bank Open Space Committee (LBOSC) was formed in 1999 for the purposes of acquiring land for open space preservation and passive recreation. The LBOSC continues to seek properties that protect recharge zones and watersheds of public drinking water wells, protect wildlife habitats, extend contiguous Town-owned conservation properties, and protect scenic views. Strategic purchases that mitigate the consequences of anticipated sea level rise also are a priority.

The LBOSC has facilitated the purchase of more than 143 acres for open space preservation. Bonded debt service limits our current ability to make significant land purchases. However, we continue to leverage Land Bank funds in collaboration with the Town's Community Preservation Committee (CPC), the private sector's Chatham Conservation Foundation, Inc., state grants, and private neighborhood initiatives.

The Town's Conservation Division has a Land Stewardship Program whereby volunteers monitor several Town conservation properties, helping identify property management issues regarding safe public access and the preservation of the conservation values of land bought with Land Bank and Community

Preservation Act funds.

The Friends of Sylvan Gardens, Inc., a 501 (c)(3) non-profit organization, was formed to promote public access and to assist the Town in the management of the "Rolf E. Sylvan Garden Conservation Area" – a 9.47 acre property off Old Main Street under the oversight of the Conservation Commission.

Director of Natural Resources Robert Duncanson and Conservation Agent Cally Harper serve as Staff liaisons and Shareen Davis serves as the liaison to the Board of Selectmen. Their wisdom and guidance are greatly appreciated. The LBOSC is also indebted to Mark Robinson, Executive Director of The Compact of Cape Cod Conservation Trusts, for his sage advice and counsel.

As the Cape Cod Land Bank Open Space legislation nears its termination date in 2020, the LBOSC is exploring options as to how a similar committee may continue to serve the Town's conservation interests in the future.

**Respectfully submitted,**  
**Jack Farrell, Chairman**

## Monomoy Regional School District

*Monomoy Regional School District is a community of learners of all ages focused on building knowledge, positive character, and resiliency in a safe, supportive, creative, and challenging environment. The following report summarizes many of the happenings during the 2018 calendar year for your local schools.*

### The Graduating Class of 2018

June 3, 2018, again found the white tent standing upon the front fields at Monomoy Regional High School, welcoming 111 seniors and their friends and families to celebrate the commencement of the Class of 2018. Francesca Barr was the valedictorian and Grace Boyle was the salutatorian this year. Francesca Barr also received the Massachusetts Association of School Superintendents' Certificate of Academic Excellence Award, acknowledging her exemplary grade point average and contributions to the school and community.

### Developing the District's Next Strategic Plan

On September 29, 2018, more than 100 parents, teachers, students, administrators, and community members participated in a Strategic Planning Focus Group to offer collective guidance on the future direction of our schools. Those gathered heard reports from the Superintendent and each Monomoy principal conveying recent successes and existing challenges for the district and its

schools. Given the fast pace of our ever-changing digital world and the demographic shifts happening in our region, attendees were encouraged to think about the future of our community, country, and world as we launch Monomoy's current students into the future, keeping in mind that our current kindergarteners will be receiving their high school diplomas in 2031.

Participants in this Strategic Planning Focus Group discussed ways in which Monomoy is effective, where we can improve, and what obstacles we might need to overcome to realize improvement. The participants were divided into smaller focus groups, providing feedback, insights, and creativity in their responses to four questions:

- What are the strengths of Monomoy's programs?
- What do you see as Monomoy's areas of possible improvement?
- In order to meet the needs of all learners and to position each graduate to be successful in 2030 and beyond, what enhancements should be made in the next three years to advance Monomoy's excellence?
- What factors might hinder Monomoy in making significant progress in achieving an audacious Strategic Plan for the next three years and how might we address these?

The table notes from each group were compiled to capture the collective contributions of the 100+ participants, and every individual was able to identify their personal priorities related to each of the above questions. This feedback, along with the unabridged notes generated by each table, was passed on to a 15-member Strategic Planning Steering Committee, comprised of Monomoy administrators, school committee members, teachers, parents, and a community member.

The Steering Committee met 10 times over a two-month period to draft a new Strategic Plan. Committee members combed over the raw table notes, synthesized this with prioritized feedback from the Strategic Planning Focus Group, and was briefed on district and building-level data by the superintendent and principals. Together they distilled the data and feedback, identified four themes (which became the strategic objectives), and determined the initiatives required to achieve each strategic objective. Action steps, measurements of progress, and a timeline were specified by the Steering Committee for each strategic initiative. The four strategic objectives underpinning the 2018-2022 Strategic Plan:

1. Expand Community Engagement and Partnerships by focusing on families' equity of access, increasing community involve-

ment, and further embedding service learning within the curriculum.

2. Strengthen Social and Emotional Well-Being through a deliberate focus on the development of healthy, supportive relationships and a fully integrated social-emotional learning curriculum.
3. Close the Achievement Gap by developing and implementing targeted instruction and supports to improve outcomes for the largest and most persistent achievement gaps.
4. Improve Curriculum, Instruction and Assessment for All Learners by ensuring our collective practices are focused on students, preparing them for college, career, and life as members of both a local and global community.

This plan was presented to and adopted by the Monomoy Regional School Committee on December 13, 2018 and will guide the district's efforts for the next three school years (through 2021-2022).

### Academic Excellence

At the high school's 5th Annual Breakfast of Excellence in November, students were recognized for high achievements on Advanced Placement exams and on their 10th Grade MCAS tests. Sage Barnes was recognized for a perfect score on the state's Grade 10 ELA MCAS. Shannon Holbrook was recognized for a perfect score on the state's Grade 10 Math MCAS. In addition, Kyla Gilley was recognized for a perfect score on the state's Grade 8 STE MCAS. Based on the high achievement on 2018 ELA, math, and science MCAS exams, 31 Monomoy students, representing 28% of their cohort, earned John and Abigail Adams Scholarships, which give students a tuition waiver for up to eight semesters of undergraduate education at a Massachusetts state college or university.

Several Monomoy students earned AP Scholar Awards in 2018 for receiving scores of 3 or higher on three or more AP exams. Our AP Scholars were Cameron Archibald, Samantha Barr, Emma Burke, Perry Comeau, Riley Demanche, Nicholas Gould, Livia Graham, James Kiernan, Madison Leonard, Lillian MacAskill, Samantha Mahoney, Isabell O'Donnell, Elizabeth Pandiscio, Alan Papenfus, Nicholas Russell, Lucy Ryan, Veronica Simundson, Isaiah Stafford, Benjamin Teele, Doug Ulrich and Lauren Walsh. Three Monomoy students were AP Scholars with Honor, receiving an average score of at least 3.25 on all AP exams and having scores of 3 or higher on four or more of these exams. Our AP Scholars with Honor were Jacob Poitras, Tommye Wall, and David Van Sickle. Finally, five of our students were recognized as AP Scholars with Distinction for having average AP scores of at least 3.5

on all exams taken and scores of 3 or higher on five or more AP exams. Our AP Scholars with Distinction were Francesca Barr, Grace Boyle, Sophie Clingan, Benjamin Thomas, and Owen Van Sickle.

Monomoy Performing Arts and Athletics The performing arts across the grade levels continue to be a highlight of the district, including instrumental, choral, and drama. Our high school ensemble performed the musical *All Shook Up* in the spring and Stephen Gregg's play *Trap* in the fall. The middle school's spring production was *The Wizard of Oz* and the fall production was *The Bluebird of Happiness*.

The 2018 Calendar year was another exciting and successful year for the High School athletic program. Monomoy's teams were quite competitive in the Cape and Islands League, and a majority of the teams made post-season tournament play.

Monomoy's winter sports teams found the boys varsity basketball team finishing second in the Cape and Islands League and as South Sectional Finalists. They were led by league all-stars Eli Nickerson, Isaiah Stafford and Nick Meehan. Girls varsity basketball just missed post season play by one game. They were led by league all-stars Maddie Leonard and Maggie Dever. The girls were also awarded the IAABO Board 152 Team Sportsmanship Award. Boys Varsity Ice Hockey continued their coop with Mashpee and had a great season, led by seniors Griffin Handler and Will Whatola. Girls Varsity Ice Hockey continued their coop with Nauset and Cape Tech and finished the season with much improvement, led by Senior All Star Maura Blute.

The spring season saw success of the varsity softball team and their League Championship. Mollie Charest was named league MVP for the second straight year. League all-stars were Emma Thacher, Mollie Charest, and Samantha Barr. Baseball finished second in the league, led by all-stars Nathan Amaker, Logan Routhier, and Sean Gould. The Girls Track and Field team was led by League MVP Tara Barry and all-stars Margot Dery and Caroline Davock. Boys track and field was led by Steven Young, Perry Comeau, Aidan Melton, and Jon Frisbee. Boys and girls lacrosse made the state tournament for the first time in program history. Boys Varsity lacrosse was led by all-stars Connor Santoni, Kyle Charlot, and Connor Deveau. Girls varsity lacrosse was led by all-stars Emma Mawn, Madison Rush, and Kelsey Olson. Girls varsity tennis was led by league all-star Lindsay McDonald. Boys varsity tennis was led by league all-star Caleb Petit. The varsity girls golf team had another great season.

They were led by all-stars Caroline Howard and Maddie Leonard. The sailing team competed in the NESL and had a great season.

The fall teams kicked off our school year with some great successes. Field hockey finished the season as Cape and Islands Champions for the third straight year. They were led by league MVP Aoife Daly and all-stars Nikki Awalt, Alison Barrett, and Caroline Howard. Football was led by Mayflower League all-stars Elijah Beasley, Mark Pawlina, Isaac Hart, Kyle Charlot, and Chevar Shakespeare. Girls varsity soccer made the state tournament, winning their first game and hosting Hull in the quarter finals. They were led by league all-stars Kelsey Olson, Abigail Higgins and Maggie Dever. Boys varsity soccer also had a great season and qualified for state tournament play. They were led by all-stars Clifton Wilson, Logan Routhier and A.J. Williams. Girls and boys varsity cross country finished a great season behind all-stars Margo Dery, Caroline Davock, Francesca Marchesi, Steven Young and Ryder Robbins. Boys varsity golf was led by league all-star seniors Jason Masiello and Ian Johnson.

### **Finance and Capital Projects**

The FY18 General Fund budget presented to each community's Town Meeting was \$38,115,065, a 4.84% increase over the prior fiscal year. The FY19 General Fund budget was \$39,708,354, a 4.18% increase over FY18. Detailed budget information is always made available on the school district's website and is provided to each town's library and Town Hall, per the district's regional agreement.

The Monomoy budget is how much it costs to fund the education of children in Harwich and Chatham. The Assessment is how much each town pays to fund the Monomoy Regional School District according to the formula in the district's Regional Agreement. The enrollment of students attending public schools in each town is calculated using a three-year rolling average of the foundation enrollments to determine how much each town pays for Monomoy budget. The Operating Assessment in FY18 was 73.48% Harwich (26.52% Chatham), and increased slightly towards Chatham in FY19, with a three-year rolling average split of 73.25% Harwich (26.75% Chatham). Each town also has a "minimum required contribution," calculated by the State, using the number of school-aged children in the town attending public schools and real estate and income wealth within the town. The FY19 Assessment for Chatham (including debt) was \$9,210,686, a 3.01% increase over the prior fiscal year. The FY19 Assessment for

Harwich (including debt) was \$25,609,390, a 3.43% increase over the prior fiscal year.

Monomoy's FY19 budget season found mutual support from the selectmen and finance committees in both towns. The FY19 budget presented by the Superintendent was a level-staff budget, maintaining programs and staffing within the district.

Since regionalization, the school district has maintained a 5-year capital and technology plan, with the goal of ensuring that both the physical plants and technology infrastructure continually support learning and preserve the towns' facilities investments. During the 2018 calendar year, several capital and technology improvements (each over \$3,000) were made, including:

- Roof repairs to Chatham Elementary School and Monomoy Regional Middle School
- Replacement of carpets in science rooms at the Middle School with vinyl tiles
- Completion of the Concession Stand and Bathrooms at the Monomoy Regional High School athletic fields
- Upgraded wireless networks at Chatham Elementary School and Harwich Elementary School

### **Enrollment & School Choice**

The ratio of Harwich to Chatham children based on the district's "foundation enrollment" for the fiscal year was 73.54% Harwich (26.46% Chatham) in FY18, this increased slightly for Harwich to 73.97% (26.03% Chatham) in FY19. Here, foundation enrollment includes all resident children in a town for which the district is financially responsible – these include children from Harwich or Chatham attending Monomoy, another local school district through school choice, or a charter school. Children attending Cape Tech or private schools are not included in a district's foundation enrollment.

Monomoy continues to be one of the few school districts on the Cape that brings in more school choice tuition than sends out to other districts. Based on June 2018 school choice enrollments, the district received 245 students through the school choice program, and with them came \$1,352,531 in tuition. The district concurrently has paid out \$1,387,208 in school choice tuition for 223 Chatham and Harwich children attending school in other districts. This represents 6 fewer students attending Monomoy via school choice than the prior year, and 12 more resident students choosing to attend other districts.

The 2017-2018 academic year saw a 7-student decrease in Chatham and Harwich resident students opting for more expensive charter schools. The total number of children

opting for area charter schools decreased to 67 students; however, these 67 students take with them a net \$1,146,659 in charter school tuition from the district's operating budget.

### **Staff Retirements**

During the 2018 calendar year we bid farewell to a number of retiring educators from our district. Combined, this group dedicated 314 years of service to the children of Harwich and Chatham. We appreciate and honor the service of each:

- Leslie Chizek, Speech and Language Pathologist, MRHS, 18 years
- Darlene Coy, Math Teacher, MRMS, 17 years
- Dave Demers, Custodian, MRHS, 25 years
- Maria Dyer, Instructional Teaching Assistant, CES, 29 years
- Judy Fratus, Special Ed Teacher, MRHS, 27 years
- Debra Greig, Instructional Teaching Assistant, CES, 18 years
- Linda Jordan, Cafeteria Employee, MRMS, 26 years
- Nancy Koch, Teacher, CES, 29 years
- Peter Moynagh, Teacher Assistant, MRHS, 19 years
- Janeen Murray, Cafeteria Employee, HES, 29 years
- Mary Lou Poignand, Instructional Teaching Assistant, MRHS, 15 years
- Joan Roberts, Art Teacher, MRMS, 19 years
- Barbara Susko, Administrative Assistant to the Superintendent, 9 years
- Karen Sylver, Instructional Assistant, MRMS, 23 years
- Jamie Vient, Special Ed Teacher, HES, 11 years

### **Transition in the Director of Curriculum, Instruction, and Assessment Role**

Dr. Carla Blanchard, who had served as Monomoy's Director of Curriculum, Instruction, and Assessment since the formation of the district, chose to retire after serving 25 years within the former Harwich Public Schools and the current Monomoy system. Dr. Blanchard began her career at Harwich Middle School in 1993 when she was hired as a French and Spanish teacher. In 1997, she was hired to teach French at Harwich High School, and was promoted in July of 2012 to Director of Curriculum, Instruction, and Assessment. Over her career, Carla's outgoing personality, commitment to others, and passion for education found her supporting the success of hundreds of students and teachers alike.

An open and far-reaching search process for Carla's successor found the hiring committee unanimously recommending Marc Smith to assume the duties of the Director

of Curriculum, Instruction, and Assessment. This was for Marc somewhat of a homecoming, having previously served as the Supervisor of Elementary Curriculum and Instruction with Harwich Public Schools, a role which was partly involved in aligning curriculum during the early stages of the district's regionalization. Marc left Harwich Public Schools in 2013 and served as the Principal of the Forestdale School in Sandwich for five years prior to returning to Monomoy.

### **A new Principal for Harwich Elementary School**

The end of the 2017-2018 school year also found Harwich Elementary School's principal Sam Hein stepping down after a long career in education. Sam was Monomoy's "senior" administrator, serving in the role of Principal at Harwich Elementary for 12 years. Again, an open and far-reaching search process was conducted to fill this role, and the ideal person to succeed Principal Hein, was found "in-house." Harwich Elementary School's Assistant Principal, Mary Oldach, was the unanimous choice from the hiring committee.

### **Advancing the Monomoy Mission**

Whether it be in the classroom, on the athletic fields, in the performing arts, or our extracurricular programs, we offer a vibrant and strong educational program for children. As a district, we hold true to our Mission Statement, being "a community of learners of all ages focused on building knowledge, positive character, and resiliency in a safe, supportive, creative, and challenging environment." We are committed to work with all stakeholders in advancing this mission by implementing the district's 2018-2022 Strategic Plan, and greatly appreciate the many individuals who played a role in the Strategic Plan's development. We've come a long way over the past five years as a fully regional district, and with the continued support of our stakeholders, the best is yet to come.

More information about Monomoy Regional School District, including the full 30-page 2018-2022 Strategic Plan, can be found on our website at [www.monomoy.edu](http://www.monomoy.edu). Proud to be a Shark.

**Respectfully submitted,  
Dr. Scott Carpenter, Superintendent**

## **Department of Natural Resources**

The Department of Natural Resources (DNR) was organized in 2014 by transfer of Harbormaster operations and management into the Department of Health and Environment.

DNR brings together those Town staff having responsibility for protection of public and environmental health, protection and management of natural resources, protection and management of marine resources, and management of coastal and marine infrastructure. DNR is comprised of the following Divisions: Coastal Resources, Conservation, Harbormaster, Health, Shellfish, and Water Quality Laboratory (WQL). This structure enhances a coordinated approach to protecting and managing Chatham's natural resources, coastal and marine infrastructure, and the public's use thereof. A close working relationship is maintained with the Department of Community Development as many projects involve permitting in both Departments. The DNR also oversees the Permit (Sticker) Office, responsible for transfer station, beach, recycling, and ORV stickers, and Shellfish licenses.

Department staff support numerous Town boards and committees. Judith Giorgio (Health Agent) supports the Board of Health. Cally Harper, Ph.D., (Conservation Agent) supports the Conservation Commission and Land Bank Open Space Committee. Ted Keon (Coastal Resources) supports the North Beach Advisory Committee, South Coastal Harbor Management Plan Committee, and Waterways Advisory Committee. Harbormaster Stuart Smith supports the Aunt Lydia's Cove Committee. Renee Gagne (Shellfish Constable) supports the Shellfish Advisory Committee. Robert Duncanson, Ph.D. (DNR Director), Ted Keon, and Renee Gagne serve on the Technical Advisory Committee for the Pleasant Bay Resource Management Plan as well as special topic work groups. The DNR Director supports the Water & Sewer Advisory Committee as well as representing the Town on numerous local, regional, and state committees, including the Barnstable County Coastal Resources Committee (Co-Chair), Cape Cod Water Protection Collaborative Technical Advisory Committee, EOE Nutrient Management Technical Workgroup, Cape Cod 208 Plan Monitoring Workgroup, Cape Cod Stormwater Managers, and others dealing with wastewater, water quality, and other environmental issues. See separate Annual Reports by several of the referenced Boards and Committees.

### **Comprehensive Wastewater Management Plan (CWMP)**

Information on the Comprehensive Wastewater Management Plan is available on the Town's website: <https://www.chatham-ma.gov/comprehensive-wastewaternutrient-management-plan>. The public is encouraged to review the Final CWMP/Final EIR, and

other CWMP reports and documents, which are available on the Town's website and at the Eldredge Public Library. The Town's website also contains a Frequently Asked Questions (FAQ) document on the CWMP and wastewater project construction.

The website also has a link to the Barnstable County Community Septic Management Loan Program (<http://www.barnstablecounty-septicloan.org/>) which provides low interest loans for replacing septic systems as well as making sewer connections. Costs related to sewer connections may also be offset via a state income tax credit (<http://www.mass.gov/dor/businesses/help-and-resources/legal-library/tirs/tirs-by-years/1990-1999-releases/tir-97-12-personal-income-tax-credit-for.html>).

Progress reports on active sewer construction projects, including road impacts and schedules, are available at: <http://www.chathamscproject.info/>.

Progress continues on multi-year, multi-contract Phase 1C, funded at the 2013 and 2014 Annual Town Meetings. Phase 1C targets restoration of Oyster Pond and Little Mill Pond, water bodies highly impacted by excessive nutrients. Additional benefits will result as improved water quality in Oyster Pond and Little Mill Pond propagates throughout the Stage Harbor System. The first construction contract, 1C-1, was completed in 2015.

Construction contract 1C-2, won by the Robert B. Our Co. of Harwich was completed in fall 2018. Once As-built Drawings and certifications are received from the Engineer the new system will be available for property owners to connect to. It is anticipated the Board of Health will begin issuing connection Orders in early 2019. This Contract received a 0% interest loan from the State Revolving Fund (SRF)

In October 2018 the Board of Selectmen took utility easements on a further 21 private roads in Phase 1C-3/4 allowing for sewer (and water/drainage as needed) installation. These easements are for the road layout only, easements do not extend onto individual properties, and the easements do not change road ownership from private to public. Easements are necessary to construct, operate and maintain public infrastructure on a private way. Taking the easements is a multi-step process requiring determination of ownership of the road layout, preparation of easement plans, preparation of an appraisal, Board of Selectmen formally taking the easement, and document recording at the Registry. In addition, there are notifications to property owners and mortgage holders involved. Contract 1C-3/4 engineering plans were submitted to

MassDEP in fall 2018 and approval to bid the work is expected in early 2019 with construction possibly commencing in spring 2019.

Progress continued on the Chatham-Harwich Interconnection Project whereby wastewater collected from the East Harwich area will be transported to the Chatham wastewater treatment facility for treatment and recharge. The parameters for this project were agreed upon in the Intermunicipal Agreement signed in 2017. Both towns advanced engineering plans which were submitted to MassDEP in fall 2018 with approval to bid expected in early 2019. Both towns received DEP approval for 0% loan funding through the SRF. The Chatham portion, Phased 1D-1, involves installation of sewers along Meetinghouse Road (Route 137) from the Chatham-Harwich line to Middle Road, Middle Road to the back entrance of the treatment plant, and along Old Queen Anne Road from the Chatham-Harwich line to the headwaters of Muddy Creek. Construction is expected to start in 2019.

Since new connections began in 2012 the Board of Health (BOH) has issued 450+ mandatory connection orders providing property owners one year to connect to the municipal sewer. Mandatory connection is required by BOH Regulation to achieve the Town's water quality goals; however, the Board may grant limited time extensions for good reason. The BOH has granted 74-time extensions and rescinded 40 connection orders (for corner lots, lots with adjacent street access, or other special circumstances). Through mid-December 2018 350 properties completed connection to new sewers and a further 87 were in various stages of application or awaiting installation.

In August 2018 MassDEP issued the State's first Watershed Permit to the towns of the Pleasant Bay Alliance (Chatham, Harwich, Brewster and Orleans). This Permit lays out steps the towns will take over the next 20 years to mitigate/manage nitrogen, primarily from septic systems, that adversely impacts water quality in Pleasant Bay. The Permit builds upon, and codifies, work done by the individual towns in their own comprehensive wastewater planning, and the Pleasant Bay Watershed Composite Nitrogen Management Analysis completed in 2017. Further recognition of this milestone event occurred when USEPA awarded each town a 2018 Environmental Merit Award. See separate report by Pleasant Bay Alliance.

### **Monomoy National Wildlife Refuge**

After H.R. 1157, filed by Representative Keating at the Town's request to re-affirm the historically recognized western boundary of the Refuge as being mean low water, was

favorably reported out of the House Committee on Natural Resources to the full House of Representatives in December 2017 several national environmental organizations again came out in opposition in early 2018. The Town responded again refuting claims made by the environmental groups.

In January the Town finally received a response to a 2017 letter sent to then Department of Interior Secretary Zinke seeking an administrative solution to the ongoing boundary dispute. Unfortunately, the response, from FWS Northeast Regional Director Webber, only offered to re-engage with the Town to seek an agreement to "cooperatively manage these resources." However, as the Town knew from prior attempts to reach such agreement FWS would not consider what the Town sought, that being true "joint" management meaning that neither side could take unilateral management action in the disputed area.

As the year unfolded the Town continued to work with Rep. Keating, Gov. Baker and others, to bring H.R. 1157 to a vote before the full House. At the same time Senator Markey's office was involved working with Secretary Zinke's office on an administrative resolution, and in anticipation of the H.R. 1157 advancing to the Senate. In August Town representatives made a trip to DC to meet with Sen. Markey & staff and staff from the Senate Environment and Public Works Committee on the legislation.

Ultimately 2018 ended without the legislation coming to vote in the House and, therefore, the legislation died at the end of the congressional session. At the end of the year the Town reached out to the environmental organizations who had written in opposition to the Bill with an invitation to meet with Town officials to seek a clearer understanding of both sides' positions. A meeting is scheduled for February 2019. The Town was considering a request to Rep. Keating to re-file in the new Congress.

The public is encouraged to visit the Town's webpage for Monomoy which is kept current with correspondence: <https://www.chatham-ma.gov/monomoy-national-wildlife-refuge-task-force>.

### **Pleasant Bay Alliance**

The Pleasant Bay Alliance (PBA) (see separate Annual Report) had another busy year as it continued implementation of the Resource Management Plan (RMP) for the Pleasant Bay Area of Critical Environmental Concern (ACEC). The DNR Director remained heavily involved as chairman of the RMP Technical Advisory Committee and a member of the Watershed Workgroup.

### **Stormwater Management**

Stormwater management projects continued in 2018 as part of sewer construction contracts so work can be coordinated to minimize impacts on neighborhoods and property owners.

The Town and USEPA continued refining Standard Operating Procedures (SOPs) for monitoring and testing of the USEPA funded gravel wetland stormwater Best-Management-Practice (BMP) for nitrogen removal installed adjacent to Oyster Pond Furlong. USEPA, coordinating with the Univ. of New Hampshire Stormwater Center is evaluating use of automated nitrogen (and other parameters) sensors to provide more comprehensive data and reduce the logistics of sampling rainfall events.

The Town and USDA-Natural Resource Conservation Service grant funded project to install new infiltration infrastructure and a prototype sand filter along Oyster Pond Furlong and at the landing was completed in 2018 as part of sewer construction. The grant, for \$165,000, is part of the federally funded Cape Cod Water Resources Restoration Project.

The new Phase II Stormwater Permit was issued by USEPA and MassDEP in summer 2018 following resolution of legal challenges. Chatham submitted its notice of Intent for coverage of existing municipal stormwater infrastructure under the Permit in September. Chatham, along with other Cape communities and regional agencies, continued evaluating formation of a cape-wide stormwater collaborative as a more efficient, cost-effective way of complying with the Permit.

### **COASTAL RESOURCES DIVISION Shoreline change/Inlet development**

The eastern barrier beaches and inlets continued to change significantly over the course of 2018. These changes, and related impacts to our waterways and shorelines, were further exacerbated by one of the most severe winter storm seasons on record. 2018 began with a quick moving intense storm in early January, to be followed by several strong nor'easters in rapid succession in March. The March 2-4 storm was the most severe for Chatham and other MA coastal communities and resulted in a Major Disaster Declaration due to the extent of the damage (see Winter Storm Impacts section below).

The North Inlet (2007 Break) continued to widen and a pronounced tidal channel developed opposite Minister's Point between the inlet and the inner harbor. This tidal channel began to capture the dominant outgoing tidal flow exiting Pleasant Bay, much of which previously by-passed the North Inlet and exited through the inlet opposite Chatham Light

(1987 break). This pattern is consistent with the ultimate “demise” of the ‘87 inlet and dominance of the North Inlet as predicted since the initial formation of the North Inlet in 2007.

Changes to North Inlet have exposed the northern portions of Chatham Harbor to heightened wave energy, and increased sediment movement and shoaling. The increased shoaling along the south side of North Inlet is impacting access for commercial fishing vessels attempting to access the North Inlet channel from the Fish Pier. These shoaling and navigation issues will pose many management challenges for the foreseeable future.

The separation of South Beach from Light-house Beach (April 1, 2017, “Fools Cut”) developed rapidly and the remaining portions of South Beach quickly deteriorated over the winter. This left the low-lying neighborhood of Little Beach (LB) exposed and vulnerable to the open Atlantic for the first time since the initial break in 1987. Unfortunately, the harsh winter storm season resulted in repeated flooding throughout LB and will continue to threaten the area. Outermost Harbor Marina is facing multiple challenges including flooding and rapid shoaling of the entrance channel to the marina and adjacent small public mooring area.

Given the many issues surrounding the changing shorelines, inlets, and channels along the eastern shorefront, the Town applied for, and was awarded, a Coastal Resiliency Grant through the MA Office of Coastal Zone Management (CZM). The study (total cost \$242,830; \$182,122 grant) is for development of a quantitative analysis of coastal processes to support a detailed analysis of potential shoreline management options to sustain the east-facing shorelines over the next 20-30 years. The study is underway and is to be completed by the end of June 2019. The Town was also awarded a \$15,000 grant through the Municipal Vulnerability Preparedness (MVP) program to undertake a public participation process to identify vulnerabilities and support planning for climate change. Upon completion, as an MVP community, Chatham will be eligible to apply for future grant opportunities to address coastal resiliency and other impacts of climate change.

Chatham’s east-facing shores were not the only areas of concern and the impacts of ongoing erosion along Nantucket Sound beaches were obvious. Cockle Cove Beach was temporarily closed to access in late June/early July due to heightened erosion. Fortunately, dredging of Mill Creek, which had been delayed in the spring, was able to

be completed by mid-July allowing the beach to open with the sand providing valuable nourishment to Cockle Cove Beach. Harding’s Beach also experienced erosion with the public frequently expressing concern over the condition of the public beaches. Funding for an initial phase for nourishment of Harding’s and Cockle Cove Beaches was approved at Annual Town Meeting. The Town also received \$350,000 for Stage Harbor entrance channel dredging through a MassWorks 2018 Navigational Dredging Pilot Program grant administered by the MA Department of Housing and Economic Development. Sand for the beach nourishment will come from dredging within the Stage Harbor entrance channel and, potentially, portions of the Morris Island Cut. This work is scheduled for late winter/early spring 2019.

### **Winter Storm Impacts**

As indicated above, 2018 had several high intensity winter nor’easter storms that caused considerable damage along Chatham’s eastern shorefront. The January 4 storm was a quick moving intense nor’easter that set a new benchmark for the highest water level recorded in Boston. Fortunately, the short duration of the storm reduced potential damages. The most notable damage in Chatham occurred in the low lying LB neighborhood which flooded for the first time in several decades. Compounding the issue is that natural topography in LB creates a “bowl” and flood waters become impounded. The groundwater table is very high with little natural drainage and pumps are required to extract the water. The area partially flooded again at the end of January during a modest storm.

A severe winter nor’easter started on March 2 and persisted through March 4. This long duration of high winds, high tidal surges, and waves caused considerable damage to the eastern shoreline and waterfront infrastructure. Erosion along the coastline was severe and impacted several Town landings requiring emergency re-nourishment. The Fish Pier facility sustained heavy damage from flooding, waves, and floating debris to its floats, gangways, stairs, roof, utilities, bulkhead, etc. Several aids to navigation were lost and the float and gangway at Ryders Cove landing were damaged. LB was again inundated with several feet of water and strong winds downed trees and wires, and damaged buildings throughout Town. Damage and clean-up efforts to municipal property totaled over several hundred thousand dollars. Given the extent of damages throughout MA coastal communities, the storm qualified as a Major Disaster making federal disaster funding assistance available from FEMA. Unfortunately, three more nor’easters

arrived in quick succession throughout the remainder of March, compounding clean-up and recovery efforts and causing additional coastal damages and more flooding in LB.

These winter storms, and the issues associated with the rapid coastal changes along the eastern shorefront, focused attention on the need for proactive planning which was the impetus for pursuing the CZM Coastal Resiliency Grant.

### **Landings/Infrastructure General**

Improvements to waterfront infrastructure is a priority and several projects are concurrently underway. Passage in 2017 of the omnibus bond authorization for waterfront infrastructure, and establishment of the Waterways User Fee, enables these projects to seamlessly move forward without the need for project-specific Town Meeting action for funding. External grant opportunities have already and will continue to be sought to supplement Town funding where applicable.

#### **Ryder’s Cove**

A feasibility level engineering plan was completed for improvements to the Landing. The plan was recommended by the Waterways Advisory Committee and endorsed by the Selectmen. The plan includes replacement of the timber bulkhead with a fiber reinforced plastic (FRP) material, replacement of the concrete boat ramp, replacement of the existing floats with new concrete floats providing additional berthing options, new finger pier and floats along the west side of the ramp, new self-contained composting toilet restroom, marine sanitation pump-out, and miscellaneous utility upgrades. The project is progressing into the further design and permitting phase for 2019.

#### **Fish Pier**

Design plans for replacement of the observation deck were completed and bids opened at the end of November. The project was awarded to Sciaba Construction Co. from Walpole, MA in the amount of \$1,478,400. Contract documents were being finalized at year’s end. The project provides a new, expanded free-standing observation deck with secondary egress along the south side of the Packing Building and incorporates an automated personnel lift on the north side to meet ADA requirements. Miscellaneous window and door upgrades, interior building column replacement, new fuel shed, and replacement of fuel lines and underground storage tanks in the Upper Parking lot are included in the project. Resiliency components are incorporated such as elevating fuel dispensers on higher concrete pedestals away from recurrent flooding. The project is scheduled for

completion in May 2019 prior to onset of the busy summer commercial fishing season.

Design efforts for replacement of the South Jog bulkhead, evaluation of adding a pile-supported extension the South Jog pier, improvements to north and south floats, and replacement of the public stair and deck system at the Wharfinger Building are continuing.

#### **Trap Dock (Eldredge Pier)**

Concept designs for replacement of the Trap Dock (former Eldredge Pier) and adjacent pier owned by the Stage Harbor Yacht Club (SHYC) were completed. The Town worked cooperatively with representatives of SHYC to develop a unified plan encompassing both piers. The recommended concept plan satisfied Town's interests in providing a commercial grade pier with a concrete deck which, through a long-term arrangement, would be available for Town use in the off-season; however, SHYC ultimately concluded that the use of those materials for their pier, and costs associated with it, were not in their interests. They decided a more traditional timber pier would be more aesthetically appealing, cost effective and more compatible with their anticipated needs and use of their pier. Moving forward, the Town and SHYC will pursue final design and construction independently using separate design engineers. Both the Town and SHYC intend to maintain close coordination of their respective projects to ensure compatibility. Replacement of the Trap Dock has become a high priority as demand for offloading has increased at this facility due to additional commercial fishing vessels from the Fish Pier using Stage Harbor.

#### **90 Bridge Street**

Revisions to the original site Master Plan (recommended to the Selectmen in 2017) were undertaken throughout 2018 by the Waterways Advisory Committee, Shellfish Advisory Committee, and South Coastal Harbor Plan Committee working along with staff. Direction provided by the Selectmen was to reduce overall scale and costs of site improvements and minimize aesthetic "intrusion" to the Mitchell River Bridge area. The Committees have developed a new recommended plan with the shellfish upweller facility located over the water with an approximate 50-degree orientation to Bridge St. The revised Master Plan includes a concrete float adjacent to a slightly expanded existing pier in lieu of the previously proposed large commercial fixed pier. A new bulkhead, around the seaward face of the site remains strongly recommended to improve vehicle access/maneuverability and preserve site stability. The revised Master Plan, along with updated cost

estimates, is to be presented to the Selectmen for review/endorsement in early 2019.

#### **Bridge Street Landing**

The Town completed purchase of Bridge Street Landing which had been leased from private interests for many years. Funds totaling \$262,500 from the Community Preservation Account (CPA) were approved at Town Meeting which covered the land purchase (\$227,500) and shoreline stabilization of eroded sections of the bank (\$35,000). Shoreline stabilization will be pursued in 2019.

#### **Mitchell River Bridge**

The Mitchell River Bridge continued to have operational issues due to swelling, both laterally and longitudinally, of the timber decking and superstructure. The swelling caused the bascule portion of the bridge to bind and not fully close, or in some cases, not able to be open. This has been a recurrent issue since the bridge was formally turned over to the Town by MassDOT. Since the issues are related to design of the structure, MassDOT has maintained responsibility to address the problems as they arise. Engineers working for MassDOT have developed a plan intended to permanently address these recurrent issues.

#### **DREDGING**

##### **Mill Creek**

Originally scheduled for the spring, dredging Mill Creek Inlet channel was accomplished in mid-July. 10,445 cys. of sand were removed from the inlet channel and deposition basin with placement on Cockle Cove public beach and adjacent "feeder beach". As indicated above, additional nourishment is anticipated in 2019, and likely again in 2020, as part of a renewed effort to restore and maintain public beaches along Nantucket Sound.

##### **Fish Pier**

The severe winter nor'easters caused infilling around the dinghy floats at the North and South Jogs. Approximately 500 cys. of sand were removed by excavator and transported to Scatteree Landing to provide erosion protection.

##### **Pleasant Bay near Fox Hill and Bassing Harbor**

The long-awaited dredging of shoals near Fox Hill was completed in early November. The work was scheduled to be completed by early January 2018, but weather conditions made that impossible. The County dredge removed just under 15,000 cys. of sand from the channel adjacent to Fox Hill and near the junction of that channel with the north/south Pleasant Bay channel. This is the first time this area has been dredged and it will be closely monitored to assess its effectiveness. The sand was placed along an 800 ft. section

of public and private shoreline near Scatteree Town landing. This area has been severely depleted of sand due to the changed wave and current conditions associated with North Inlet. 500 cys. of sand were also transported to the public bathing beach at Oyster Pond to improve conditions.

#### **North Chatham Harbor - Emergency Dredging**

As indicated above, changes to North Inlet over the past year had a profound impact on current and shoaling patterns in Chatham Harbor. Unfortunately, shoaling immediately south of North Inlet impacted navigation for commercial fishing vessels, Coast Guard, and recreational boaters. This created a significant safety issue causing the Town to pursue, and being granted, emergency authorizations from local, state and federal agencies to perform limited dredging to maintain access. The County dredge mobilized to the site in August but was unable to begin operations due to equipment problems and difficult wave and current conditions. Unfortunately, weather and sea conditions did not improve, and the decision was made, in early September, to postpone the work citing safety concerns for the dredge crew.

Establishing and maintaining a viable navigation channel for safe access to North Inlet for the fishing fleet and Coast Guard will be one of the more challenging efforts for the foreseeable future. Technical challenges include proper channel placement and orientation, availability of dredge equipment, access/mobilization, working conditions (currents and waves), limited material disposal options, environmental closure windows (no dredge periods), longevity of the dredge cut given the existing coastal forces, among others. There are also onerous regulatory and permitting requirements, often with significant lead times to secure approvals, in an environment where physical conditions change constantly.

#### **CONSERVATION DIVISION**

The Conservation Commission continues to make environmental protection a priority. The Massachusetts Wetlands Protection Act and the regulations (310 CMR §10.00) recognize eight important functions of wetlands that are subject to protection including: protection of public and private water supplies; protection of groundwater and water quality; providing flood control; prevention of storm damage; prevention of pollution; protection of fisheries; protection of shellfish & shellfish habitat; and protection of wildlife & wildlife habitat. The Commission is the regulatory body responsible for administering the Wetlands Protection Act (MGL Ch. 131, s.

40) and Chatham Wetlands Protection Bylaw (Chapter 272).

The Commission met four times per month on Wednesdays in 2018. The first and third Wednesdays were dedicated to reviewing Draft Orders of Conditions, and the second and fourth Wednesdays were scheduled public hearings on applications. Commission members visit project sites before scheduled hearings and attend on-site meetings with the Applicant and/or Representatives as necessary.

In 2018 there were a total of 237 applications submitted to the Commission for work within areas protected by state and/or local wetlands protection regulations, representing a slight increase over the 229 applications filed in 2017. Applications were made up of 101 Administrative Reviews, 31 Requests for Determination of Applicability, 73 Notices of Intent, 20 Extension Orders, and 12 Requests to Amend Orders of Conditions. Some project changes were approved informally by the Commission through the acceptance of field changes requests. Total wetland application fees collected in 2018 were \$35,611.6. Total fees collected include a portion of the state application fee as well as a separate local filing fee. The Town's share of the State fees collected totaled \$14,882.50 and fees collected under the local bylaw totaled \$18,509. Advertising fees collected totaled \$2,220. By statute, fees obtained in the administration of the MA Wetlands Protection Act can only be used to carry out the Commission's duties under the Act, not for other Commission activities.

In 2018, Joe Kitts, Bob Ralls and Bob Del Vecchio were appointed to the Commission and Joe Scarlatelli and Cheryl Lubing resigned. The Conservation Division would like to thank Joe and Cheryl for their dedication to conservation and the wetlands permitting process in Chatham.

In June Cally Harper, Ph.D., started as Conservation Agent upon resignation of the previous agent. As Agent, she manages the steady and voluminous work load of the Conservation Division. Primary responsibilities include: serving as a liaison between applicants, homeowners and the Commission; reviewing proposed projects and preparing staff reports for the Commission to aid in their decision-making process; preparing drafts of permits for Commission review; coordinating with other Town Departments to ensure transparency in the permitting process; providing Technical Assistance to residents, applicants and contractors on an as-needed basis; conducting site inspections during the permitting process and after the permit is issued to ensure compliance; and investigating complaints

and taking the necessary enforcement actions, including the issuance of Stop Work Orders, Enforcement Orders, non-criminal citations and court appearances.

### **Management of Town Conservation Lands**

The Town's 22 Conservation Properties have established Land Management Plans which address wildlife habitat, invasive species management, wetland and water quality issues, existence of vernal pools, and the presence of rare and endangered species.

Work outlined in the Land Management Plans continued throughout 2018 including, but not limited to, trail clearing, installation of signage and fencing, habitat management, wildlife management, removal of invasive species and diseased trees, and installation of benches at scenic overlooks. Assistant Conservation Agent/North Beach Manager Paul Wightman continued project management and field work at Valley Farm, Old Comers Woodland, McCoy Tree Farm, Training Field Triangle, Sam Ryder Forest, Forest Beach Overlook, Twine Fields, and Goose Pond Conservation Areas.

The Land Management Plan for the Captain Harding Conservation Area was a focus in 2018 with a specific intent on restoring the meadow habitat, replacing fencing and signage, and maintaining trails. The Assistant Agent visited the site with the AmeriCorps Supervisor for Barnstable County to define a scope of work and enlist the help of AmeriCorps for invasive removal, meadow restoration, and trail work.

In cooperation with the Friends of Sylvan Gardens, the Assistant Agent and Americorps helped removed invasive vegetation from the site. An AmeriCorps application was filed for a group project for additional invasive species removal and removal of diseased/dead trees. A site visit was conducted in December with AmeriCorps and a group project is scheduled for January 2019 in accordance with the Management Plan.

Many diseased and dead trees were cut down around Goose Pond and trail markers installed. Split rail fencing at the lower parking area was replaced after being destroyed in winter storms. New signage was also installed at the entrance and landing, and the traffic field of view cleared at the entrance. When a bench is completed, being built by the Chatham/Harwich Newcomers wood-working group, it will be installed in spring 2019.

A new parking area was demarcated with fencing and trails maintained at the Twine Fields Conservation Area. This site was acquired to maintain grassland meadow habitat which is important and rare habitat for many species of bird, raptors, and mammals.

### **Management of North Beach**

Management of North Beach is under the jurisdiction of the Conservation Commission. North Beach is an approximately 1.5-mile barrier beach undergoing significant changes. Two winter storms caused severe over-wash and erosion just south of the Orleans/Chatham town boundary. In addition, the beach continues to migrate south and accrete east to west at North Inlet.

A Habitat Conservation Plan (HCP), prepared by the State Natural Heritage and Endangered Species Program, is a statewide permit which advances Piping Plover and Least Tern conservation through a variety of conservation actions while improving public access, recreational opportunities, and economic activities associated with the State's beaches. 2018 was the second year Chatham participated under the State-wide HCP. Following an onsite review of the beach conditions in early August, the State determined it was not necessary to implement the HCP to open the beach to over-sand vehicles (OSVs). Staff was able to open the beach to OSVs by instituting management techniques, daily monitoring, and relocation access corridors away from Least tern chicks. When the beach opened Chatham North Beach Rangers patrolled to insure compliance with Beach Rules & Regulations.

In 2018 there were 21 Piping Plover nesting attempts on North Beach, producing 37 chicks that fledged (capable of flight). Staff recorded one re-nesting attempt. There were two Least Tern sub-colonies producing 20-25 fledged chicks. One American Oyster Catcher pair produced one chick that fledged.

Several electrified decoy exclosures were deployed for a second year to reduce predation of Piping Plovers nests by Eastern Coyotes (Coywolves), which key in on exclosures as a food source, kill adults, cause abandonment of the nests, and promote numerous re-nesting (up to 4-5 times) attempts which have historically extended OSV closures. The electrified exclosures were designed by staff and are inexpensive to construct. Exclosures also help reduce predation by American Black Crows, and a myriad of avian raptors.

Least Terns arrive much later than Plovers and, therefore, tern chicks tend to peak in mid-July though early September. Least tern chicks do not typically fledge until late August or early September. This presents a management challenge with respect to opening the beach once all Piping Plover chicks have fledged. Predation by Coywolves in 2018 reduced the number of fledged Least Tern chicks.

## HARBORMASTER DIVISION

The Harbormaster Division is responsible for installing 200 plus seasonal and year-round aids to navigation, operations of the Municipal Fish Pier, assisting mariners and persons in distress, active enforcement of maritime law throughout Chatham waterways, responding to pollution events and providing prevention and coordinating response measures, and issuance and renewal of all mooring, docking and wait list permits. In addition, the Division provides oversight and regulatory enforcement of the Fish Pier commercial port operations, operates and maintains the Mitchell River Drawbridge, and assists in management of Town Landings.

**1. OVERVIEW** – The Harbormaster Division is responsible for all navigable waterways of the Town, which includes 66 miles of coastline, as well as from the shore out to three nautical miles offshore. In addition to assisting mariners and swimmers in distress, the Harbormaster Division is responsible for maintaining all Town owned Aids to Navigation, pollution prevention and response, enforcement of state and local waterway regulations and bylaws, and management of mooring permits and regulations. In accordance with Harbormaster's Standard Operating Procedures, Patrol Boat operators conducted safe and effective boat operations throughout the unique and challenging waterways of Chatham. The following report highlights their efforts and results for the 2018 season.

### 2. SUMMARY OF OPERATIONS:

With few exceptions one 24' patrol boat was dedicated to patrolling the waters of Chatham Harbor, which includes Chatham Inlet, North Inlet, North Beach and North Beach Island, Pleasant Bay channel, Aunt Lydia's Cove, Bassing Harbor, Ryder's Cove, Crows Pond, Pleasant Bay, the east side of North and South Monomoy Islands, and offshore waters. The other 24' patrol boat was dedicated to patrolling the waters of the southside including Stage Harbor, the entrance channel, Southway, Oyster River & Pond, Mitchell River & Mill Pond, waters along Harding's, Ridgevale and Cockle Cove Beaches, west side of North and South Monomoy Islands, and offshore waters in Nantucket Sound. The H-25B Carolina work skiff was primarily used for setting, hauling and servicing aids to navigation. The H-25 Patrol Boat (Parker) serves as our primary all-season vessel utilized for a variety of missions including aids to navigation, maritime law enforcement and mooring management. Over the coming years we will

need to re-capitalize these vessels due to age. With deteriorating conditions on the eastern facing inlets and the recent operational downgrading of Coast Guard Station Chatham it is critical these vessels are replaced with boats capable of operating in the area's dynamic conditions. The next vessel due for replacement is the H-25 Parker for which a FY2020 request has been submitted. While it is difficult to capture in totality the multi-mission work that Patrol Boat operators, and the Division as a whole, executed over the past year, the following summary by mission area captures a significant level of effort:

**MARITIME ASSISTANCE** – Outlined below is a table of comparable statistics from 2017 and 2018 of our maritime assistance cases captured in Incident Reports and patrol boat daily logs. Although we do our best to document all calls for assistance, there is assistance rendered by Division staff not captured in incident reports. The 106 cases successfully executed in 2018 by Patrol Boat operators resulted in lives saved or assisted, and thousands of dollars in property saved. While most incidents this year were minor unfortunately, we did experience a boating related fatality late in boating season. On September 12th staff from the Barnstable County dredge working in Chatham Harbor reported an overturned vessel near the tip of North Beach Island. A Patrol Boat responded, along with a response boat from Station Chatham. Shortly after the initial report the dredge crew recovered the body of a 44 y/o mariner. The victim was transported by Harbormaster staff to the Fish Pier and custody of the body transferred to the State Police and District Attorney's Office. Contributing factors to this accident included high sea state and heavy fog conditions.

**LAW ENFORCEMENT** – The primary objective of law enforcement actions by the Division is to promote public safety

and welfare by encouraging voluntary compliance and addressing non-compliance. Again, this year, presence through active patrolling of by Patrol Boat operators served to significantly deter negligent or unlawful operations. This year the Division continued with the requirement for Patrol Boat operators to conduct post-incident safety boarding's for each boat requiring a tow back to port. In addition to numerous verbal warnings, 56 written warnings and 7 written by-law violations were issued.

**MOORINGS** – Patrol Boat operators conducted routine mooring checks within all mooring fields to ensure proper display of mooring stickers and state registration stickers, ensure proper display of mooring number and name on mooring balls, and condition of hawsers. The Division continued to inspect mooring tackle & hawsers, reposition moorings as needed, remove abandoned or illegal moorings, and properly maintain 35 Town/ Public moorings.

**AIDS TO NAVIGATION** – The Division is responsible for proper licensing of 200-plus private Aids to Navigation by way of the U.S. Coast Guard; private Town aids are established, disestablished and updated by means of the Private Aids To Navigation (PATON) database. Patrol Boat operators were responsible for deploying seasonal private aids to navigation prior to the start of the boating season, verifying and adjusting buoy positions throughout the season, and hauling buoys for maintenance at the conclusion of the boating season. After being hauled, all buoys are pressure washed and reconditioned as needed throughout the off-season, which often includes welding repairs and replacement of ground tackle and chain. In 2018, positioning of aids was challenging due to severe shoaling and required frequent adjustments to location and tackle specifications. Additional regulatory aids to navigation were

HARBORMASTER DIVISION	YTD 2017	YTD 2018
<b>MARITIME ASSISTANCE CASES</b>		
TOWS (DISABLED BOATS)	26	18
GROUNDINGS	24	16
DEWATERING	11	1
MISC. BOAT ASSIST	31	38
C.G./AGENCY ASSIST	7	6
CAPSIZED BOAT/SALVAGE	5	7
MEDICAL	5	6
P.I.W.	0	1
POLLUTION	2	4
KAYAK/WATERCRAFT ASSIST	1	2
BOAT FIRE	0	1
TRANSPORT	1	6

deployed in several locations to advise of No Wake Zones and No Anchorage Areas.

**POLLUTION AND ENVIRONMENTAL RESPONSE** – Division personnel responded to four reported incidents of pollution in 2018. All four were minor sheens that quickly dissipated without the need to deploy containment booms.

**SUPPORT OPERATIONS** – In addition to executing the Divisions primary missions, Patrol Boat operators provided support to the following agencies and organizations:

- **MA Division of Marine Fisheries** – Throughout the season, Patrol Boat operators aided Dr. Greg Skomal and staff as they continued their research and tracking of great white sharks within Chatham’s area of responsibility.
- **Atlantic White Shark Conservancy** – The Atlantic White Shark Conservancy continued to fund a white shark population study in partnership with the MA Division of Marine Fisheries. In a cooperative effort staff provided support to the Conservancy by providing a variety of assistance. For the second year, staff assisted in deployment of a prototype shark buoy that transmits tagged shark detections in real time. This buoy was stationed off Shark Cove just east of Monomoy Island.
- **International Fund for Animal Welfare (IFAW)** – Patrol Boat operators reported sightings of injured and/or stranded marine life within Chatham waterways, and were often called upon to transport IFAW staff to the scene to test and/or retrieve if necessary. As was the case in the past couple of years there were many reports of injured and dead seals with large bite marks suspected to be from sharks.
- **Water Quality Testing** – Throughout the season, Patrol Boat operators transported MA state marine biologists and Town Natural Resources personnel to areas in support of water quality monitoring programs.

## TRAINING

- In January, staff participated in a pollution response workshop hosted by the Coast Guard to enhance unified response to marine pollution events. Training included a morning training and information sharing session and was followed by a table top exercise in the afternoon.
- In June staff were busy attending several different training sessions including 1st Aid/CPR, Stop the Bleed, Respectful Workplace, and a mooring law seminar.
- In October staff attended OSHA 10 Hour training and participated in a Fast Boat Rescue Course conducted by Ocean Rescue

Systems out of Maine. This three-day course included classroom and on the water instruction in close quarter handling skills, high speed maneuvers, and search and rescue techniques.

- In November the Division office manager attended an informational session on changes to the reporting system for the CVA pump-out grant program.
- In December staff attended GIS training in preparation for a mooring management initiative expected to commence in 2019, continuing our forward progression with oversight and management duties relating to moorings.

## REGULATIONS

- After an extensive two-year review by staff and several advisory committees the Consolidated Waterways Regulations were promulgated and signed by the Harbormaster in accordance with state and local laws.

## 3. ADMINISTRATIVE HIGHLIGHTS

### HARBORMASTER DIVISION FY 2018 REVENUE

Fish Pier Rent	\$30,000.00
Independent Buyer/Packer	\$1,000.00
Fuel Fees	\$14,150.00
Mooring Permits	\$189,867.00
Wait List	\$7,990.00
Late Fees	\$8,785.00
Transient Fees	\$4,175.00
USCG Rent	\$7,370.00
Bridge St. Parking	\$3,060.00
includes in house receipts only, no on-line monies	
Docking Permits	\$72,605.00
Fisherman’s Storage (at the airport)	\$5,700.00
Waterways User Fee	\$173,125.00
Winter Shore-side Berthing	\$3,300.00

### ADMINISTRATIVE STATISTICS FOR 2018

Private Mooring Permits Issued	2197
Commercial Mooring/Slip/Rack Permits Issued	
(Commercial Boat Yards/Marinas)	666
Wait List	1,234
Docking Permits Issued: (Fish Pier)	84
Phone Calls/Walk-in’s	3,884
Closed Loop Pressure Wash for Haul Outs	16
Pump Outs: (FY18)	106
Town Landing Charter Docking Permits	21
Waterway’s User Permits	346

### 4. OTHER WATERFRONT PROPERTIES AND FACILITIES

- The 90 Bridge Street property was in use for the third year since construction and continued an upward trend of commercial and recreational activity. Long-term devel-

opment of the property has been a topic of much discussion over the past two years. Currently there is a scaled down version of the original master Plan being reviewed by advisory committees before being submitted to the Board of Selectmen for their approval. The scaled down version continues to align with the original intent of purchasing this property to provide a multi-use facility for all mariners, enhancing the Town’s very limited access to the waterfront.

- Renovations at Old Mill Boat Yard were completed in 2017. The improved layout provides more usable space for vessels operating out of this facility and provides a small area for dinghy tie ups. Dredging for this area was completed in 2018. Preliminary discussions have taken place with the Coast Guard regarding the viability of expanding the existing float system to provide dockage for the Coast Guard.
- In 2016 the Town purchased the Eldredge Dock adjacent to the Harbormaster’s office. The Eldredge’s secured a three-year lease of the facility and will continue to manage the pier during that time. Conceptual plans have been approved by the advisory committees and will now advance to the Board of Selectmen. The plans generally provide for the same amount of dockage and vehicle access with two unloading areas for vessels.
- The Mitchell River drawbridge was completed in 2016 and operational control turned over to Division staff that fall. This year several issues related to opening and closing of the bascule portion of the bridge occurred, associated with swelling of the timbers due to moisture.
- The Town has moved forward with a conceptual plan to replace the Ryder’s Cove wooden bulkhead and improve public access at this important town boat ramp, dock and parking area. The plans have been reviewed by the advisory committees and the plans propose an additional dock/float system on the west side of the boat ramp to improve public access, dinghy tie-up area and assist in the safe launch and retrieval of vessels.

## 5. LESSONS LEARNED:

- Stage Harbor Patrol** – Patrols during a 10-hour operational day as done in the past and done on the Chatham Harbor side. The “April Fools” cut in South Beach created significant shoaling in the Morris Island Channel. Conditions this year were significantly worse than those of 2017 in this area rendering the channel impassable between mid to low tide for all vessels. Understanding the changes and navigational limitations of this area

allowed us to dispatch response assets to marine incidents from other locations such as Outermost Harbor or Chatham Harbor when necessary to render assistance.

- b. Chatham Harbor Patrol** – The rapidly changing waters in and around the Chatham Bar and the North Inlet made for an exceptionally challenging year for local boaters. The waters near the tip of North Beach Island was of concern as conditions there routinely provided one of the most hazardous areas for local mariners to transit. Identifying this area of concern early on allowed patrol patterns to be adjusted to focus efforts in this area during periods of peak vessel traffic. Additional regulatory and navigational aids were deployed as well as extensive public outreach to educate boaters of these hazards
- c. EMT/Boat Crew** – This position continues to be used successfully to achieve a two-person patrol posture during weekends (Fri-Sun) on both Stage Harbor and Chatham Harbor patrol boats. Clearly weekends have the highest volume of boating activity and, therefore, the period with the most vessel assistance and/or distress cases. EMT's on boat crews were instrumental in effective response to many of these cases.

#### 6. MUNICIPAL FISH PIER:

- a. Red's Best, Marder Trawling, and Whiteley Fuel continued their leases at the Municipal Fish Pier this year.
- b. Capacity of the observation deck at the Fish Pier was reduced in 2016 to 100 occupants. The deck was slated to be replaced in the fall/winter of 2017-18 but was delayed to fall/winter of 2018-19. The bid has been awarded and we are currently waiting for the contractor to commence construction. This project is expected to be completed by mid-May of 2019. The project includes replacement, and slight expansion, of the observation deck adding a second means of egress on the south side of the Packing Building to be used for emergencies. Compliance with ADA will be achieved by way of an elevator on the north side of the Packing Building. Replacement of the underground fuel tanks in the Upper Lot and relocating fuel lines to the fuel dispensers on the east side of the Packing Building is also slated for this project.
- c. Staff continued collecting data on Fish Pier visitors in summer 2018. Data was collected from July 1st through September. While it is almost impossible to count every person visiting the area, we did utilize a system to provide a rough

estimate. A fifteen-minute count of people entering the area via the staircase is conducted once a day at various times, every day during this period. Those numbers are totaled for each month and multiplied by four to estimate the total number of people over a one-hour period. That total is then multiplied by eight to estimate the total number of people over an eight-hour period. The following statistics are a result of the data estimates of visitors generated over this time:

JULY 2018	AUG 2018	SEP 2018
76,384	74,240	20,504

As shown, this facility experiences a significantly high volume of visitors over the peak of the summer season. This highlights the severe shortage of available parking, need to properly repair and maintain the facility, and importance of proper staffing.

#### HEALTH DIVISION

The mission of the Health Division is to enforce Massachusetts General Laws, State Environmental and Sanitary Codes, and Town Bylaws and Regulations. The Division has primary responsibility for protecting and improving public health and well-being of the community. Enforcement and inspection activities ensure a safe and healthy environment in which to live and work.

The Division accomplishes this mission through much routine inspection work, which includes permitting and inspection of septic systems, licensing and inspection of restaurants, inns, motels, pools, beaches and recreational camps for children. In 2018 the State Department of Public Health (DPH) made major revisions to Food Safety Regulations and Recreational Camp Regulations. Division staff attended training on both regulation changes and are working in the community to educate businesses about these changes. Staff, working with I.T. department, initiated a digital inspection format using tablets. This will streamline the inspection process. New recreational marijuana regulations were also enacted by the State, and we will continue to follow its roll out in Massachusetts communities.

Health Staff worked closely with Community Development and Fire Safety on standard inspection procedures and coopera-

tive enforcement at some properties. We will continue to work as a team to ensure safe and healthy living and working environments in the community.

The Visiting Nurses of Cape Cod (VNA, Cape Cod Health Care) and the Barnstable County Department of Health and Environment held monthly blood pressure clinics, sponsored by the Board of Health, at the Community Center and Senior Center. Mobil Dental Hygiene Services held Board of Health sponsored dental clinics throughout the year, at the Community Center, providing dental care, at low cost, to those in need.

Three Influenza vaccine clinics were held vaccinating upwards of 300 Chatham residents and Monomoy Regional School families and staff, town employees, and seniors. The 7th annual Health Fair was held in September and attended by many community members who were able to receive health information, screenings, and flu vaccinations.

Working closely with Senior Center Staff, Police, Fire/EMT, Chatham Housing Authority, and VNA the Health Division continues to participate in monthly risk assessment meetings to help community members with health and safety issues. The group strives to provide trainings for town staff on dealing with difficult social service issues throughout the community and to provide links between community members and agencies throughout Cape Cod.

The Division continues its emergency preparedness work. Collaboration with the Barnstable County Health Agents Collaborative allows the Division to meet the requirements of DPH and Centers for Disease Control. Drills and exercises were conducted during the year and public health emergency plan continually reviewed and updated.

This year Dr. Allen Ward retired as full-time member of the Board of Health after 9 years of service. However, we are lucky to welcome him back as an alternate member. We welcome Burton Segall to the Board of Health. Thank you to all Board members including Ron Broman, Edward Sheehan, Dr. Bernard Pfeifer and Chairman John Beckley. Many thanks to Dianne Langlois, Division Secretary and Inspector Steven Ward for all their continued hard work.

Fuel Concessions:	Product	Gallons	Amount
Whiteley	Diesel	144,456.8	\$12,029.07
	Gasoline	26,850.0	\$2,147.97
	<b>Total</b>	<b>171,306.8</b>	<b>\$13,704.49</b>

#### Fish Landings – Municipal Pier:

Marder Trawling, Inc.	5,417,417.25 pounds
Red's Best	5,060,2239.0 pounds
<b>Total</b>	<b>10,477,656.25 pounds</b>

## Health Division/Indicator YTD 2018

### PERMITS ISSUED

Disposal Works Construction	127
Food Handler's	118
Motel/Cottage	11
Room Inspection	11
Swimming Pool/Hot Tubs	14
Tobacco Sales	7
Stable/Animal Keeping	6
Septic Installers	23
Septage Haulers	6
Rubbish Haulers	6
Recreational Camps	3
Well Construction	29
Well Destruction	1
Scallop Shanty	2
Septic Abandonment	15
Bathing Beaches	13
Body Art Establishment/Practitioner	2
<b>Total</b>	<b>394</b>
<b>Total Receipts</b>	<b>\$52,770.00</b>

### SHELLFISH DIVISION

The Shellfish Division is charged with protecting, managing, and enhancing shellfish resources throughout town waters. Authority to govern shellfish resources is given to coastal communities by the Commonwealth under Massachusetts General Laws, Chapter 130. The Division fulfills its mission by enforcing regulations which protect and conserve the resource, by educating the public about shellfish and the need for sound management practices, and by ensuring the continued sustainability of the resource through a successful propagation program. The Division includes two full-time staff, Shellfish Constable and Propagation Specialist/Assistant Constable, seasonal Deputy Shellfish Wardens, and seasonal propagation technicians. A majority of staff time is dedicated to daily enforcement patrols, monitoring both recreational and commercial shellfish landings, and operation of the propagation program.

As in 2017, weather events dominated shellfishing news throughout 2018. Beginning with a four-day rain closure in January, followed by numerous storms and flooding, weather was the primary factor affecting shellfish habitat, shellfish resource and harvesting efforts. The unprecedented four Nor'easter storms in March exacerbated instability of the outer beach causing historic shellfish beds to be sanded over and limiting access to others. The already dangerous eastside channel to the Southway flats off Monomoy became impassible after the spring storms, forcing harvesters to opt for a more dangerous route by heading over Chatham Bar into open Atlantic waters, following the outer beach south to a new breach in South

Beach located through a once productive clam flat known as the Lagoon. This exposed small skiffs to open ocean conditions to access the flats of Monomoy. There were many close calls over the summer season, eventually causing even the most seasoned of shellfishermen to seek less lucrative but protected inshore shellfish beds.

Weather conditions continued to affect harvesting efforts with three more rain closures and continued Nor'easters in late fall. Overall, the commercial value was one of the lowest in recent history. Despite the adverse conditions affecting this year's harvest there is a deep understanding by the commercial harvesters that the ever-changing dynamic forces are in part what create Chatham's boom and bust years; sometimes nature is generous and, in some years, not. For instance, newly establish sand flats on the back side of the middle section of South Beach, are peppered with seed soft-shell clams; fingers crossed. These fluctuations are also what make the success of our propagation program so imperative in providing a reliable resource within the inner embayment's to sustain local shellfish harvesters during the lean years. A species by species breakdown in as follows:

#### Soft-shell clams

Landings for soft-shell clams dropped just slightly from 5,072 bushels in 2017 to 4,485 bushels over 2018. Soft-shell clams are especially unpredictable, and recruitment can be affected by several uncontrollable factors such as storms, sanding over, and water temperature. Clams were harvested in the Southway, Outermost Harbor flat, and along the shoreline of Stage Harbor.

#### Quahogs

Quahogs remain the predominant species targeted in 2018. Wholesale values of landed product dropped slightly from 2017 values by approximately \$200,000.00. Unlike years past, most of the harvesting effort occurred within Stage Harbor. Prices per piece remained steady throughout the year with no seasonal spikes.

#### Mussels

Mussel landings declined significantly in 2018. Whether environmental conditions such as moving sand affected recruitment, or existing beds were sanded over, mussels were difficult to find in the waters of Pleasant Bay and Chatham Harbor after the first few months of the new year. A small stock of mussels was targeted in Stage Harbor but did not support a lucrative industry.

#### Razor Clams

There was a small but stable set of razor clams within Stage Harbor that supported a

handful of harvesters sporadically through the year.

### Recreational Harvest

The Division continues to improve its monitoring of recreational catch. The approximate value of shellfish harvested by recreational harvesters was \$202,827. With the help of Channel 18, the Division made a brief video demonstrating shellfish harvest techniques, how to measure shellfish, and answers to other frequently asked questions. The video is streamed on a continual loop at the Sticker Office.

### Violations Issued

In possession of greater than 5% seed shellfish	14
No license on person	3
Shellfishing without a valid permit	6
Harvesting in prohibited area	3
Over daily commercial limit	3
Suspension of Shellfish Permit	2
Guest Violation	6
Shellfish out of Season	1
Failing to relinquish catch	1
Harvesting during rain closure	1
Suspension	1

### Propagation

Through the dedicated Shellfish Revolving Fund the propagation program (Program) purchased and raised 1.5 million quahogs from Aquacultural Research Corporation (ARC), 500,000 quahogs from Muscungus Maine, 100,000 oysters from ARC and 100,000 oysters from Mook Farms Maine. The Town also received 500,000 quahogs through State/County funds for a total of 2.5 million quahogs and 200,000 oysters raised in the Town's upweller facility.

After spending their first summer growing season in the upweller facility, all 2.5 million quahogs were planted directly into bottom sediments under nets: 2 in Oyster River, 4 in Mill Pond, and 4 in Buck's Creek each with approximately 150,000 animals under each net. The Program also experimented with "Florida Bags" as an alternative grow-out method. Florida Bags are simply small mesh bags, four feet by four feet, holding approximately 40,000 animals per bag, which are planted in much the same was as quahogs under nets. The benefit is at harvest time (in two years) the bags can be "pulled" out of the sediment verses the arduous task of hand harvesting quahogs planted under nets. We will continue to monitor survival of the animals. The Division is also researching other methods to reduce the laborious aspects of shellfish propagation, such as mechanical seed sorters and hydraulic quahog harvesters, with the possibility of communal purchasing

**COMMERCIAL CATCH REPORT\***

	<u>Landings in Bushels</u>	<u>Estimated Wholesale Value</u>
Soft-shelled clams	4,485	\$ 495,146.00
Quahogs	18,072	\$ 1,327,756.00
Mussels	1,390	\$ 91,740.00
Razor clams	175	\$ 42,000.00

\*Source: SAFIS Dealer Database 2018 preliminary and subject to change

Total Estimated Wholesale Value	\$ 1,956,642.00
Total Estimated Recreational Harvest Value	\$ 202,827.00

**SHELLFISH PERMITS AND REVENUE**

	<u>Number of Permits</u>	<u>Price of Permit</u>	<u>Revenue</u>
Commercial	228	\$ 250.00	\$ 57,000.00
Junior Commercial	5	\$ 125.00	\$ 625.00
Senior Commercial	48	\$ 60.00	\$ 2,880.00
Free Senior Commercial	8	NA	NA

Total from sales of Commercial Permits	\$ 60,505.00
Three-quarters of Total Sales to Shellfish Propagation Fund	\$ 45,378.75
One-quarter of Total Fee to the General Fund	\$ 15,126.25

Resident Family	1178	\$ 35.00	\$ 41,230.00
Resident Senior	502	\$ 15.00	\$ 7,530.00
Non-Resident Family	709	\$ 100.00	\$ 70,900.00
Free Senior Resident	40	NA	NA

Total from sales of Recreational Permits	\$
119,660.00	
Three-quarters of Total Sale to General Fund	\$ 89,745.00
One-quarter of Total Sales to Shellfish Propagation Fund	\$ 29,915.00

<b>Total of combined sales to General Fund</b>	<b>\$ 104,871.25</b>
<b>Total of combined sales to Shellfish Propagation Fund</b>	<b>\$ 75,293.75</b>

through the Barnstable County Cooperative Extension Program with sharing among Cape municipalities.

The repercussion of 2016 issues with seed procurement due to the total renovation of the Cape's only shellfish seed hatchery, Aquacultural Research Corporation (ARC), became evident in 2018. Because of the unfulfilled seed order in 2016, only 800,000 quahogs were broadcast throughout the Stage Harbor Complex. 2016 was an anomaly year, and the 2017 crop, slated to be harvested and broadcast in 2019, is back on track. The Program also broadcast 200,000 oysters this year and overwintered next year's oyster harvest in deep water off Oyster Pond Beach. Chatham Shellfish Company again graciously donated 15,000 oysters to the program in 2018.

The Upweller continues to experience drainage issues, related to the re-construction

project of Old Mill Boat Yard back in 2017, in two grow-out tanks. Attempts to "fix" the problem by installing an additional 4-inch drain pipe did not solve the problem. Replacement of the tanks is being reviewed for next season and would be constructed to accommodate larger drainage pipes directly under the tanks to alleviate the current issues.

The Division continued to host educational tours and talks throughout the season including with Audubon Summer Camp Program, Stage Harbor Yacht Club, and the ongoing collaborative project with Monomoy Middle School titled; Sustaining and Protecting Our Local Estuaries: Protecting Vulnerable Habitats. The Monomoy Middle School project is conducted under a Community Meaningful Service Grant and incorporates specific learning standards of the 2018 Massachusetts Science and Technology/Engineering Curricu-

lum Framework. The school received \$1,000 in grant monies which helped purchase 100 bags of remote set bags (oyster seed set on broken shell) that were placed at Mill Creek. To date, students assisted in building the remote set bags, moved the remote bags to establish a "reef", helped plant quahogs under nets, and helped clean and maintain those nets. In all, staff met with students and teachers over six tides. This year's Annual Upweller Open House had the best attendance to date as we continue to improve advance publicity.

We'd like to thank our seasonal propagation staff, who are dedicated and knowledgeable shellfish technicians, Suzanne Phillips, Shannon Doane, and Susan Machie with additional assistance from our Senior Tax Work-off member, Cape Cod AmeriCorps Individual Placement member, and AmeriCorps

group projects. The equivalent monetary value of the combined work hours between our Cape Cod AmeriCorps Individual Placement and group projects is approximately \$36,700.

### Closing

In addition to serving as staff liaison to the Shellfish Advisory Committee, Division staff serve on the Board of Directors' of the Massachusetts Shellfish Officers Association, as members of the Barnstable County Shellfish Advisory Committee, Marine Outreach Guidance Group Board of Directors', and a member of the AmeriCorps Cape Cod Alumni Panel. Division staff also supported state officials to ensure public safety by assisting in water quality and shellfish testing. The Division continues to work cooperatively with other Divisions within Natural Resources on projects such as master planning for 90 Bridge Street, including proposed relocation of the upweller, and review and comment on proposed shoreline projects.

The Division would like to thank our placements from the Senior Tax Work-Off Program, Fran Ellingham and Daniel Campanaro. Fran organizes, deciphers and tallies all the daily catch reports, which are often wet, torn, and illegible. Dan is our "go-to" on any construction, plumbing, small mechanical repair question and is on-hand for all big projects including Spring/Fall upweller hook up and oyster distribution. Also, a big thank you to AmeriCorps Cape Cod members who assist us with our most physically challenging tasks with special appreciation to our AmeriCorps Placement, Jenn Lafontaine, who continues to collect data on an ongoing shellfish assessment project. Much appreciation to a dedicated staff of Deputy Wardens and seasonal propagation staff. And finally, a thank you to members of the Shellfish Advisory Committee who donate their valuable time advising the Board of Selectmen on many issues affecting shellfish throughout the year.

### WATER QUALITY LABORATORY

The assessment and protection of the Town's water resources (marine and fresh surface, and groundwater) remained a primary area of activity for the Water Quality Laboratory (WQL).

The seasonal shellfish closure program, which affects Mill Creek, Taylors Pond, Bucks Creek, and Muddy Creek, continues to function well allowing these areas to open in the winter and spring when water quality criteria for harvest are met.

In compliance with the Massachusetts Beaches Bill, public and semi-public beaches were tested weekly during the swimming season (mid-June to Labor Day). 227 water samples were collected and tested, at the

Barnstable County Health Department Lab, for Enterococci or E. coli bacteria from 19 locations (13 saltwater public beaches (152 samples), 3 freshwater ponds (36 samples + 3 re-tests), and 3 semi-public beaches (36 samples)). Based on the test results, overall the beaches met the required water quality standards for recreational use. There were no "beach day" postings (No Swimming advisories) during the 2018 swimming season.

Cockle Cove CREEK remains posted "No Swimming" per Order of the Board of Health due to naturally occurring elevated bacterial counts originating from the surrounding wetlands. The Board's "No Swimming" posting of Andrew Harding's Lane Beach, due to concerns over strong currents and a steep drop-off to deep water, also remained in effect.

Beach testing results and closure notices continued to be posted at the Town Offices, Town Annex, Sticker (Permit) Office, and the Commonwealth of Massachusetts web site ([www.mass.gov](http://www.mass.gov), go to beach testing).

The WQL continues to coordinate the volunteer Pleasant Bay Alliance Citizen Water Quality Monitoring Program and the *Chatham Water Watchers* Program to maximize data collection and effectively utilize limited resources. Again, this year the Town of Eastham water quality monitoring program was assisted with training and sample logging/delivery to UMass Dartmouth. The *Chatham Water Watchers* is a volunteer-based monitoring program run in cooperation with the

Friends of Chatham Waterways. The Friends are actively recruiting new members to join this program that remains integral to understanding the condition of our local waterways. More information is available at <http://www.chathamwaterways.org/>. The Coastal Water Quality Nutrient Monitoring Program had another very successful season in 2018 thanks to all the volunteers involved. The Programs has 15 stations located throughout the estuarine waters of Chatham which were sampled twice monthly July through August and once in September (in 2018 2x in July and 3x in August due to calendar and tides) yielding 110± samples for nutrient analysis. In addition, a comparable number of field measurements for parameters such as temperature, dissolved oxygen, transparency, etc. were collected.

### PERMIT (STICKER) OFFICE

The Permit (Sticker) Office was open limited hours in the off-season and re-opened in late spring for the season in the lower level of the Town Annex on George Ryder Road. Fran Ellingham was once again ably assisted by Susan Fleischmann & Mark Desmond in a commendable job running the busy summer operation!

Revenue for the Permit (Sticker) Office for 2018 was \$872,753 up from 2017's figure of \$864,521. This does not include \$8,000 collected by Chatham but passed through to Orleans for their North Beach OSV Surcharge.

The following fees were collected by the Sticker Office during 2018:

SHELLFISH		
Commercial	228 @ \$250	\$57,000.00
Junior Commercial	5 @ \$125	\$625.00
Senior Commercial	48 @ \$ 60	\$2,880.00
Resident Family	1178 @ \$ 35	\$41,230.00
Resident Senior	502 @ \$ 15	\$7,530.00
Non-Resident Family	709 @ \$100	\$70,900.00
		\$180,165.00 Sub-total

In addition, eight free Commercial and 40 free Resident Family shellfish permits were issued to residents 70 years of age or over who are domiciled in Chatham and had received a permit for no fee prior to April 1, 2004.

BEACH/TRANSFER FACILITY		
1 <sup>st</sup> Beach	1,274 @ \$25	\$31,850.00
2 <sup>nd</sup> Beach	1,134 @ \$20	\$22,680.00
Transfer Facility, 1 <sup>st</sup> car in household	950 @ \$120	\$114,000.00
Transfer Facility, 2 <sup>nd</sup> car in household	452 @ \$25	\$11,300.00
Combination 1 <sup>st</sup> car in household	2,828 @ \$145	\$410,060.00
Combination 2 <sup>nd</sup> car in household	1,359 @ \$45	\$61,155.00
Recycling	1,052 @ \$5	\$5,260.00
Replacement	364 @ \$2	\$728.00
Weir Permits		\$0.00
Unallocated Funds		\$-175.00
Misc.		\$0.00
North Beach ORV	493 @ \$60	\$29,580.00
WUF – Residents	66 @ \$50	\$3,300.00
WUF – Nonresidents	19 @ \$150	\$2,850.00
		\$92,588.00 Sub-total

**\$872,753.00 Grand Total**

Following the mid-summer slowdown in walk-in activity staff continued data entry for implementation of e-permitting. Shellfish records are entered electronically, and work is continuing beach/transfer station. Due to ongoing data entry the Office remained open for the off-season months, Monday to Friday, 10 AM to 1 PM.

Monthly Department reports are available on the town's website ([http://www.chatham-ma.gov/Public\\_Documents/index](http://www.chatham-ma.gov/Public_Documents/index)) as part of Board of Selectmen meeting packets.

The DNR is grateful to all Town Departments and the public for their support, assistance, and cooperation during 2018. The Director would like to again offer thanks to the many volunteers of the Chatham Water Watchers.

The Department had a personnel change in 2018, Molly Edson, Conservation Agent resigned and Cally Harper, Ph.D. came on-board as Agent in June.

Special thanks are due the staff of the Department of Natural Resources as they continue to serve the citizens of Chatham with respect and professionalism.

**Respectfully submitted,**  
**Robert A. Duncanson, Ph.D.**  
**Director of Natural Resources**  
**Director, Water Quality Laboratory**  
**Stuart Smith, Harbormaster**  
**Judith Giorgio, R.S., Health Agent**  
**Cally Harper, Ph.D., Conservation Agent**  
**Theodore Keon, Coastal Resources**  
**Renee Gagne, Shellfish Constable**  
**Jason Holm, Deputy Harbormaster**  
**Paul Wightman, Assistant Conservation**  
**Agent/North Beach Manager**  
**Rachel Hutchinson, Propagation Special-**  
**ist/Assistant Shellfish Constable**  
**Mike Ryder, Coastal Facilities Manager/**  
**Wharfinger**  
**Susan Rocanello, Harbormaster Office**  
**Manager/Assistant Harbormaster**  
**Mary Fougere, Conservation Secretary**  
**Dianne Langlois, Health Secretary**  
**Sarah Griscom, Ph.D., Intermittent**  
**Environmental Technician**

## Other Post-Employment Benefits Trust Fund Board of Trustees

In accordance with the provisions of the Other Post-Employment Benefits (OPEB) Trust Agreement, I hereby submit a statement of account for the Fiscal Year ending June 30, 2018.

### Beginning Balance (7/1/2017)

	\$ 628,522.29
Contributions	150,000.00

Withdrawals	3,061.30
Realized Gain/Loss	1,409.96
Unrealized Gain/Loss	10,480.67
Interest	-
Dividend/Cap Gains	34,771.35
<b>Ending Balance (6/30/17)</b>	<b>\$ 822,122.97</b>
<b>Total Gain/Loss After Fees</b>	<b>43,600.68</b>

**Respectfully submitted,**  
**Alexandra Heilala, Finance Director**

## Park and Recreation Commission

In 2018, the Park and Recreation Commission continued with its mission to provide policy oversight for quality recreational programs and facility services to residents and visitors of Chatham. The Park and Recreation Commission is a five-member appointed Commission.

Non-resident beach parking receipts totaled \$238,200. Resident beach parking sales were \$152,235. The Department also received \$8,500 from leased concession sales at Veterans Field and the beaches. The beach patrol continued to monitor Lighthouse Beach. There were no significant safety issues at this beach. Great white sharks were seen regularly off the outer beaches in Chatham and elsewhere across the Cape but only one sighting near Lighthouse Beach.

The Community Center offers a variety of adult fitness classes and recreational activities. Regular weekly classes include aerobics, yoga, T'ai Chi, circuit training, seated yoga and Zumba. Recreational activities included Badminton, three different pickle ball programs, basketball and floor-hockey. Many community groups meet at the Community Center to knit, hook rugs, arts & craft projects, pool players, meditation classes, hand stamped card class, stamp of the month class, as well as card games and mahjong.

A variety of recreational activities run throughout the year for our youth. These include soccer, basketball, baseball and softball. Additional classes are offered for tumbling, arts & crafts and music.

For teens there are dances, games, a local Skate Park and trips to ski areas, laser tag centers, cultural, shopping and sporting events.

Other youth programs and events include the always filled summer recreation program and tennis lesson program. The popular "Father Daughter Dance" and "Mother Son Kickball" game are now regular sell out events! The PARK Program (Positive Afterschool Recreation for Kids) provides low cost structured afterschool activity programs for students grades 5 – 7 at the Community Center.

Improvements were made to recreational facilities during the year. The construction of the new small play area at the South Chatham Playground was installed. A contract for the construction of bleachers at Veterans Field was signed and construction will begin in 2019. The new bleachers will meet current safety codes and be handicap accessible.

The Community Center has become a regular meeting location for several Town Committees and Chatham organizations. The Chatham Women's Club, Garden Club, Men's Club, Conservation Foundation and many others meet in the building throughout the year. The Center also has an affordable fitness room with resident membership available. Town elections are held at the Community Center; the Center also serves as good family activity spot during the cold days of winter.

The Commission wishes to thank the following groups and organizations for their generous support and donations in 2018: Chatham Athletic Association, Chatham Garden Club, Chatham Merchants Association, Chatham Windmill Group and the Friends of Trees. We also thank the Building Maintenance and Highway Departments, the School Department and other Town Departments for their help throughout the year. We especially thank the citizens of Chatham for continued interest and support. Please call the Parks & Recreation Department with your thoughts and ideas, so we can continue to work together in making Chatham a great place to live and play.

**Respectfully submitted,**  
**Meredith Fry, Chair**

## Planning Board

During calendar year 2018, the Planning Board continued its regular schedule of twice monthly meetings. The work of the Planning Board receives the support of the Staff and Director of the Community Development Department, as well as the Principal Planner.

### Actions

Regular business items included, but were not limited to, Site Plan Reviews for commercial or non-residential properties, Endorsements for Subdivision Plans, and "Approval Not Required" Plan Endorsements. The Planning Board is also responsible for undertaking Long Range Planning Initiatives for the Town, including the drafting and proposing of Zoning By-Law Amendments to be brought before Annual Town Meeting (ATM) for citizen vote.

It should be noted that the regular business Site Plan Reviews conducted by the Plan-

	2013 Totals	2014 Totals	2015 Totals	2016 Totals	2017 Totals	2018 Totals
# Meetings	24	27	28	24	18	18
Subdivisions						
ANR	8	11	5	10	6	8
Preliminary	0	1	2	4	1	0
Definitive	2	2	3	3	12	9
Site Plans						
Pre-app	9	16	7	2	6	2
Formal	8	16	6	1	7	7
Amend Change Use	8	9	15	7	14	6
Satisfy Conditions	—	—		0	1	0
Special Permits	0	0	0	0	0	0
ZBA Recommendation	9	6	4	2	2	8
Bond Reductions Certification Conditions	14	13	19	12	15	14
<b>Total</b>	<b>58</b>	<b>74</b>	<b>61</b>	<b>41</b>	<b>63</b>	<b>54</b>

ning Board are for commercial properties; that is, non-residential development and re-development. While currently the number of projects subject to this type of review may be less, as seen in comparison with the number of residential development or re-development projects currently underway within the Town, the non-residential projects and related site plans tend to be more complex in nature, and have a significant impact on neighborhood and community character.

The following table provides details of the actions taken by the Planning Board in 2018: For the period of January 1 through December 31, 2018, the Planning Board collected \$3,275.00 in fees. This compares to \$6,266.40 in fees collected during 2017.

#### Personnel

The Planning Board's longtime Chair, Peter Cocolis, was elected to the Board of Selectmen in May 2018, leaving a vacancy on the Planning Board. We would like to sincerely thank Peter for all his years of dedicated service to the Planning Board. In July 2018, Vice-Chair Kathryn Halpern was elected as Chair, and Board member Tom Geagan was elected as Vice-Chair. Also in July 2018, Arthur Spruch was appointed to the Planning Board, and subsequently elected as Clerk. In December 2018, Board member John Marsh resigned from the Board, due to other obligations. We thank him for his service and wish him the best. Other members of the Board include Bob Dubis, Robert Wirtshafter and Peter Farber.

#### Long Range Planning

The primary Long-Range Planning Initiative of the Planning Board during 2018 has been the proposed Accessory Dwelling Unit By-Law Amendment, which the Planning Board anticipates will be brought to Annual

Town Meeting 2019 for citizen vote. The proposed ADU By-Law Amendment is one step that the Planning Board is taking in its Long-Range Planning efforts to help the Town create a vital, enduring community which offers a range of housing options for young families, retired and working people, and thereby strengthen our economic and social vitality. There is a pressing need in Chatham to provide opportunities to create a greater number of available accessible or attainable housing options, and to create more housing options for people with a diversity of economic and life circumstances. Filling this need must be balanced with the desire to maintain the beauty, charm and "liveability" of the Town, in our ongoing commitment to avoid excessive growth and density, as outlined in the Comprehensive Plan.

With the goal of creating a community driven Bylaw, the Board held several public meetings during 2018, including two Community Forums in November and December. At these public meetings and Community Forums, the Planning Board gathered comments and opinions from the citizens which have been integrated into the final draft of this proposed ADU Bylaw Amendment. The final draft of the proposed ADU By Law Amendment offers intelligent provisions to better guide and control the development of Accessory Dwelling Units in Chatham, while limiting or eliminating any potential undesired impacts.

#### Looking Forward to 2019

The Planning Board is looking forward to a productive year with renewed efforts in, and vigorous emphasis on, our Long-Range Planning Initiatives. These efforts will include considerations of the massing of residential structures, as well as global design standards;

review and revision of our Site Plan Review criteria and guidelines; and review and revision of our Subdivision Rules and Regulations. During 2019, the Board also intends to re-examine and re-evaluate the Flood Plain and Conservancy District Bylaws, which were last amended at ATM 2016, and to draft any necessary revisions for future proposed amendments to these Bylaws.

The Protective Zoning Bylaws of the Town need to be wholly re-written to bring them into conformity with our Comprehensive Plan. The Comprehensive Plan was passed by unanimous vote at Annual Town Meeting 2003. For some years now, the Planning Board has been charged with this responsibility. As part of this proz-zitive Bylaws, which would bring them into conformity with our Comprehensive Plan, within the designated study area of the Route 28 Corridor. The first group of these recommended Bylaw Amendments were drafted and proposed by the Planning Board in 2014 and 2015, and successfully passed by citizen vote at Annual Town Meeting 2016. During 2019, the Planning Board will continue this process, beginning where it left off in 2016 with the consideration of the West Chatham Neighborhood Center—the determination of the West Chatham Neighborhood Center boundaries and neighborhood center specific zoning, the West Chatham Neighborhood Center Zoning Overlay.

The Planning Board looks forward to continuing to serve the community through its Long-Range Planning Initiatives, to implement our Comprehensive Plan, with the purpose of creating and maintaining an enduring, sustainable, liveable, economically vital and demographically diverse community, which also preserves the abundant natural beauty of our area, and the historic authenticity and unique aesthetic charm of our built environment.

**Respectfully submitted,  
Kathryn Dana Halpern, Chair**

## Pleasant Bay Alliance

The Pleasant Bay Alliance is an organization of the towns of Chatham, Orleans, Brewster and Harwich. Formed through an inter-municipal agreement, the Alliance is charged with implementing the Pleasant Bay Resource Management Plan. The Plan encompasses the Pleasant Bay Area of Critical Environmental Concern (ACEC) and Pleasant Bay watershed. The Alliance develops and distributes public policy recommendations, technical studies and public information/educational materials, all available on the Alliance website, [www.pleasantbay.org](http://www.pleasantbay.org).

Highlights from 2018 include:

The Pleasant Bay Citizen Water Quality Monitoring Program completed its 19th monitoring season. Trained volunteers collected samples at 25 bay-wide sites achieving a 90% collection rate. Data from the program are used for local and regional nutrient management planning and implementation.

The Alliance worked with town officials from our member towns, along with representatives of Massachusetts Department of Environmental Protection (MassDEP), US Environmental Protection Agency (USEPA) and Cape Cod Commission to successfully complete the *Watershed Permit Pilot Project*. The project culminated in development of: 1) an intermunicipal agreement among the four Alliance towns to seek a Pleasant Bay Watershed Permit; 2) completion of the Pleasant Bay Targeted Watershed Management Plan; and 3) development of Watershed Permit conditions. The Alliance obtained a determination from the Cape Cod Commission that the Targeted Watershed Management Plan is consistent with the regional 208 Plan. Town Meetings in all four towns approved the intermunicipal agreement. The Watershed Permit application package was submitted to MassDEP in June, and MassDEP issued the first of its kind Watershed Permit to the Alliance towns in August. The Alliance and each member town were awarded an Environmental Merit Award from USEPA Region 1 for this work.

The Alliance applied for and obtained a \$250,000 grant from the US EPA Southeast New England Watershed grants program to fund implementation activities under the Pleasant Bay Watershed Permit.

The document entitled *Guidelines for Managing Erosion in Pleasant Bay* was finalized, incorporating comments from conservation commissions and other stakeholders.

The Alliance prepared the *2018 Pleasant Bay Resource Management Plan Update*, and obtained Town Meeting approvals of the update in all four Alliance towns. The Update has been submitted to the Executive Office of Energy and Environmental Affairs for approval.

At the end of the year Jane Harris stepped down from the Alliance Steering Committee. The Alliance wishes to acknowledge Jane's many years of extraordinary service and dedication to the mission of the Alliance and the interests of the community. The Alliance wishes to thank the citizens of Chatham for your ongoing support.

**Respectfully submitted,**

**Chuck Bartlett, Steering Committee**  
**Jane Harris, Steering Committee (retired)**  
**Robert Duncanson, Ph.D., Dir., Health and Natural Resources Department, Chair,**  
**Technical Resource Committee**

**Ted Keon, Dir., Coastal Resources,**  
**Technical Resource Committee**  
**Renee Gagne, Shellfish Constable,**  
**Technical Resource Committee**  
**Carole Ridley, Alliance Coordinator**

## Police Department

The Police Department continued its effort to ensure a high level of customer service, public safety and providing policing excellence to the Chatham community through our vision of being the best model of community oriented policing possible.

Overall, crime and safety are the paramount concerns of the Police Department. Chatham continues to be one of the safest places in the United States. The Town did see a slight rise in criminal offenses from 297 to 303 from 2017 to 2018. The category of criminal offenses that increased was domestic violence related offenses, with assaults and intimidation incidents increasing by 15 incidents more than last year. The Police Department has requested that the criminal courts take domestic violence offenses and review them with more scrutiny by requiring more counseling of offenders and stronger consequences for repeat offenders. The Department will continue to monitor outcomes from court cases in this category. On a positive note, crimes against property, such as larcenies and vandalism, have continued to decline significantly with 35 fewer crimes against property in 2018 compared to 2017.

Overall, calls for service and community policing activity remains high with a total of 30,202 logged activity cases with 19,080 responses to community calls for service. The Police Department paid heavy attention on motor vehicle enforcement in 2018 due to increased complaints from citizens regarding speeding and vehicle operations in Town, as well as numerous serious car crashes with injuries in 2017. There was three times the amount of motor vehicle enforcement actions in 2018 compared to 2017. The positive side of that enforcement was we had a decrease in car crashes in 2018 by about 3.5%. There were 156 firearms permits issued by the Department in 2018 and 4 film permits issued.

In 2018 the Department also provided safety and security coverage for numerous special events in Town. In 2018 the Chatham Police assisted with more than twenty significant special events, the biggest being First Night and the Independence Day Parade in Chatham. The Police Department assisted with over 20 school events, 21 Chatham Anglers baseball games and 10 citizen police academy events. The Chatham Police also engaged in numerous community policing activities such as "Coffee with a Cop," "Pizza

with the Police," Forum on Policing and Race Relations, National Night Out Against Crime as well as a number of events with our partners at the Council on Aging to ensure our commitment to community policing.

The Police Department operated at mostly full staffing for 2018. Due to the retirement of Deputy Chief John Cauble and the new position of School Resource Officer, there were two vacancies of police officer positions. Deputy Chief John Cauble, after 37 years as a police officer serving the citizens of Chatham, retired in September of 2018. We thank Deputy Chief Cauble for his exemplary commitment and dedication to service. It was an honor to work with him. Two veterans of the Chatham Police Department were promoted due to the retirement. Michael Anderson was promoted to Deputy Chief and Andrew Goddard was promoted to Lieutenant. We congratulate them both on their well-deserved promotion, as well as Deputy Chief Cauble on his retirement. Sergeant William Massey was appointed to the newly created School Resource Officer position. Sergeant Massey has immersed himself in the assignment and has had a very positive impact in the schools. Although it has only been a short time in the assignment, we have seen a reduction in police calls for service at the schools due to Sergeant Massey taking care of matters in conjunction with school staff in a proactive and preventive manner.

The problem of opiate drug addiction continues to be a concern for the Department and the community. There were no overdose deaths responded to by the Police Department in 2018. The Police Department will continue to maintain its partnership with Gosnold, a substance addiction treatment and counseling organization, to proactively impact opiate drug use and addiction.

Finally, I want to express my heartfelt thanks to the many citizens of Chatham who took the time to write letters and emails to me about the good work being performed by Chatham officers and dispatchers. I received numerous letters, emails and telephone calls commending Police Department personnel for a job well done. I also want to thank all of the dedicated members of the Chatham Police Department, other Town departments, our citizens, our Town Manager, and our Board of Selectmen for their partnership and support of the Police Department.

### Chatham Police Statistics 2018

Responses to Citizen Calls for Service:

	19,080
Total Criminal Offenses:	303
Motor Vehicle Crash Investigations:	240
Criminal Enforcement Actions:	115
Citations Issued:	174

Motor Vehicle Enforcement Actions	3,386
Community Policing Interactions:	7,093
Parking Tickets Issued:	1,417
Film Permits Issued:	4
Firearms Permits Issued:	156

### Administration

Mark R. Pawlina, Chief of Police  
Deputy Chief John D. Cauble  
Lieutenant Michael D. Anderson  
Melanie Boutin, Administrative Assistant

### Sergeants

William R. Glover  
Andrew B. Goddard  
Sarah A. Harris  
William G. Massey

### Detective

Louis F. Malzone

### Court Officer/Records Facilitator

Geoffrey E. Phillips

### Police Officers

John R. Whittle  
William S. Little  
Michael A. Murphy  
Joshua S. Wisniewski  
Andrew P. Hutton  
Thomas J. Powers  
Sean P. Ryder  
Christopher Merigan  
Christopher Vardakis  
Joseph Amara  
Mark Pasioneck  
Gregory Naylor

### Police Dispatchers

Erin Hemeon  
Rhiannon Reynolds  
Matt Casale  
Jessica Carran

### Reserve Officers

Robert Finacom

### Animal Control Officer

Diane Byers

Respectfully submitted,  
Chief Mark R. Pawlina

## Principal Projects and Operations

The Principal Projects and Operations Department is focused on the coordination of special projects and the supervision of facilities operational staff and functions. The primary goal of the Principal Projects and Operations Department related to its projects role is for coordinated planning and implementation activities to produce projects meeting the identified needs of the community and staff. Another goal is continuing to provide support to assigned Committees for

the completion of their tasks, by providing research, coordination activities and information/data to help them comply with statutory responsibilities and help meet their objectives and desired outcomes.

The top priority for operations is assuring the functional continuity of Chatham's buildings for both the short and long term benefit of the Town's residents and staff by providing efficient, effective operation and stewardship of all facilities. This emphasis on maintaining Chatham's municipal buildings provides an environment for all departments to meet their baseline needs for the continued delivery of a high level of public and customer service.

### Projects

Several significant projects reached key milestones in 2018, including the following:

- **Council on Aging** – Primary project activities this year included the issuance of a Request for Proposals (RFP) for private market site options and conducting of pre-feasibility test-fits to move towards making a final site selection for a new Council on Aging (COA) facility. With the RFP process not offering a viable option, four Town-owned sites were reviewed for multiple site development alternatives with the assistance of an architect. In November the Board of Selectmen (BOS) made a site selection decision for a new Council on Aging (COA) facility off Middle Road. In December procurement of an Owners Project Manager (OPM) for the project was completed to move the project in early 2019 towards an approved concept plan being presented before Town Meeting in 2019 for design and construction funding.
- **Library Site Master Plan** – Following up on funding approval at Annual Town Meeting 2018, a Landscape Architect and Engineer were procured to develop permit level and construction documents for project implementation to make needed access, safety, building and site improvements.
- **West Chatham Roadway Design Project** – MassDOT advertised the West Chatham Roadway Design Project (WCRDP) for construction bids and awarded a contract in 2018 (\$3,495,908). Construction activities are targeted to commence in Spring 2019.
- **Crowell Road Intersection Project** – In 2018 coordination activities continued with MassDOT to review the details of a BOS preferred option to move the project into the 25% Design Phase. After authorization of a submittal, refining of a preferred alternative will be continuing into 2018 working towards the 25% Design Submittal to MassDOT and their subsequent scheduling of a 25% Design Public Hearing.

- **Vehicle Replacement** – Procurement of a new van for custodial staff outfitted for storage and transport of cleaning supplies/equipment to replace 16-year-old vehicle.
- **Airport Capital "Shell" Repair Project** – Completion of exterior repairs on the Airport's Administration, Maintenance, Storage Hangar building including: siding, window/door repairs/replacements and beacon stand replacement.
- **Airport Grants** – Coordination with MassDOT Aeronautics and the FAA on securing grants for Airport Master Plan Update (\$347,000), vehicle operator gate repairs (\$4,850), tracked loader with forestry attachments (\$120,000) and pickup truck (\$80,000).

### Facilities

On the operational side, the Department's activities include the oversight of the Town's buildings with facilities staff responsible for maintaining the condition of municipal buildings in Chatham. In addition to daily routine duties (building rounds, general monitoring, and preventative maintenance inspections), supporting scheduled visits by contractors to maintain various building systems (HVAC, fire protection, alarms, elevators, plumbing, and electrical), seasonal storm preparations/responses and snow removal. The following highlights of 2018 accomplishments include:

- **March Storm Responses** – Completed over \$40,000 in emergency repairs including but not limited to roof repairs, fence restoration, power outage damage and siding replacement at the Fish Pier, Annex, Fire Station, Airport, Library, Public Restrooms, Town Offices and COA
- **Transfer Station** – Upgrade of the gate house to accommodate electronic payments and electrical/bathroom upgrade in garage building.
- **Station 2** – Completed building and site modifications to accommodate larger Fire Department vehicles and made repairs to overhead door.
- **Fish Pier Wharfing's Building** – Replacement of lower level overhead door.
- **Marconi Historic District** – Exterior lighting repairs for parking lot.
- **Bassett House** – Bathroom, flag pole and lighting repairs.
- **Town Offices** – Reconfiguration of Accounting and HR offices.

Respectfully submitted,  
Terence M. Whalen, Administrator

## Department of Public Works

Customer service is a primary goal of the Chatham Department of Public Works and our focused effort is to provide rapid and friendly service responses which are inviting, helpful, and courteous to all who contact any employee of the DPW.

### HIGHWAY DIVISION

The Chatham Highway Division is responsible for maintaining over 70 miles of 205 Town-owned roads, over 10 miles of sidewalks, and Town parking and paved areas. This includes but is not limited to cleaning and repair of drainage structures, sweeping, brush clearing, mowing, and snow removal of roads and parking areas. The Highway Division coordinates Capital Improvement Projects which involve Chatham roadways using Chapter 90 State Aid or Town authorized funding. The Division also reviews and approves Excavation/Trench Permits and Driveway permits. The Highway Division is also responsible for repair and maintenance of vehicles of the Highway, Transfer Station, and various equipment from other departments. Route 28 is the responsibility of the Massachusetts Department of Transportation for road maintenance, litter cleanup, snow plowing and sanding, etc. (except for the sidewalks which we plow and/or remove snow).

During the winter of 2017/2018, 64 of 442 private roads were not plowed or sanded because of their condition. Residents of these roads were notified in October and December as to what repairs were needed to their road, so they could receive plowing and sanding services. If improvements to the roads were made to bring them up to standard, the street was re-inspected. 378 private roads and the 205 Town-owned roadways were maintained throughout the winter months through the Department's Snow & Ice Program (totaling 583 roadways or approximately 120 miles of plowable roadways in Chatham). The Department plowed 2 times and sanded 20 times utilizing approximately 2,433 tons of material/product to treat roadways.

In FY2019, 248 excavation/trench permits, and 10 driveway permits were issued. This permit system requires the inspection of all driveways before issuance and re-inspection after completion.

Bituminous concrete pavement (Hot Mix Asphalt) was placed in conjunction with the following projects and/or the Department's upgrades to existing infrastructure (i.e. Water, Sewer or Drainage systems as well as Bridge/culvert repairs):

Several drainage projects were completed including structure replacement and addi-

tional roadside berms, to preclude localized flooding in areas near Bearses Landing/ Main Street, Eldredge Garage Parking Lot, Morris Island/Little Beach at Windmill Road, Veteran's Field. Resurfacing of Jackknife Landing, South Chatham Fire station driveway and walkway, sidewalk replacement and new handicap ramps from Silver Leaf Road to Silver Leaf Road (heading towards Main Street) were completed.

The Department received a bicycle rack grant including installation of a "Fix it Station" totaling just over \$6,230.00. A rest area was created and paved for bicyclists on the east side of Meeting House Road (Rte. 137) at the bike trail crossing.

### SOLID WASTE DIVISION

The Chatham Transfer Station/Solid Waste Division provides waste disposal services to the community by receiving and transferring materials to the SEMASS Waste to Energy facility, and various recycling facilities. This includes Municipal Solid Waste, construction/demolition debris, glass, plastic, cardboard, newspaper, metal, and various other recyclables. The Solid Waste Division coordinates Capital Improvement Projects which involve on-going improvements to the Transfer Station facility.

The goal is to recycle as much material as possible arriving at the Transfer Station. Aside from being better for the environment, this reduces the volume of trash sent to SEMASS, keeping the Town's expenses down. The Department is planning upgrades to the facility to improve safety, on-site traffic

flow, and better accommodate the recycling and solid waste needs of residents. If you have a question regarding recycling, please feel free to call the Transfer Station (508-945-5156).

The following materials were recycled from January 1, 2017 through December 31, 2018:

On January 1, 2018 China banned imports of some recycled materials, including mixed paper and most plastics. In March 2018, China went further and implemented a strict new policy limiting contamination levels to 0.5%, near-impossible limit for most single-stream recycling programs. Most communities have a contaminated rate of approximately 5%. To ensure compliance, Chinese customs has implemented the Blue Sky 2018 Program, whereby every container entering any Chinese port is inspected and if it does not meet the 0.5% contamination threshold it is rejected and returned.

This recent policy has disrupted the global commodity industry throwing it into turmoil as commodity prices crash:

- U.S. exports of mixed paper (to China) falling by 95% in 2018.
- Only half of materials formerly shipped to China have found alternative end markets.
- Reduced revenues at significantly lower prices and/or at a loss; recycling tipping rates to climb to an all-time high.
- Those materials that could not be sold (even at a loss) must be land filled.

These issues have been most significant for mixed paper and mixed plastics (#s 3-7).

Items	2018 Tonnage	2017 Tonnage	% Change from 2017
Glass all colors	240 Tons	168 Tons	43% increase
Aluminum and Tin Cans	54 Tons	34 Tons	59% Increase
Plastics	75 Tons	95 Tons	21% decrease
Mixed Paper	275 Tons	239 Tons	15% increase
Mixed Recyclables (single stream)	262 Tons	439 Tons	40% decrease
Cardboard	269 Tons	492 Tons	45% decrease
Textiles	58 Tons	54Tons	8% increase
Gift Shop	50 Tons	50 Tons	No change
Scrap Metal	192 Tons	147 Tons	31% increase
Books	39 Tons	29 Tons	35% increase
Food waste	7 Tons	11 Tons	36% decrease
TV/CRT's	25 Tons	38 Tons	35% decrease
Construction waste	897 Tons	644 Tons	39% increase
Auto Batteries	710 Pieces	150 Pieces	373% increase
Used Engine Oil	1,571 Gal.	N/A	Partial data
Used Antifreeze	250 Gal.	55 Gal.	355% increase
Tires	139 Pieces	213 Pieces	35% decrease
Propane Tanks	504 Pieces	122 Pieces	313% increase
Paint	2,425 Gal.	330 Gal.	635% increase
Brush	371 Tons	311 Tons	19% increase
Batteries, rechargeable	13 boxes	5 boxes	160% increase

Most other recyclables, such as cardboard, #1 (PET) and #2 (HDPE) plastics, and metals are continuing to move effectively to a mix of domestic and export markets.

Chatham has been affected by these developments. Over the past two years the Town's cost to properly dispose of single stream (comingled) recyclables has gone from \$32/ton to \$110/ton. Costs to dispose of individual items (i.e. mattresses, and glass products) have seen similar increases. In 2018, approximately 5,246 tons of solid waste was transported to SEMASS.

## WATER DIVISION

### WATER CONSUMPTION

Total water pumped each month from all wells:

	(In Gallons)
January	20,955,300
February	14,864,600
March	15,656,400
April	19,779,000
May	38,173,400
June	66,380,500
July	100,608,200
August	91,780,000
September	64,966,500
October	38,066,300
November	21,616,800
December	19,075,600

### Total Water pumped in 2018 =

	<b>511,922,600 gallons</b>
Billed water =	464,442,176 gallons
Increase in amount of water pumped in 2018 compared to 2017 =	54,894,600 gallons*
Water used for Well Treatment Operations =	5,029,719 gallons
Water used for Flushing & Blowoffs =	10,366,790 gallons
Water used for New Main Activations =	1,969,800 gallons
Water used by Fire Flow Testing =	64,694 gallons

Water used for Fire Dept. Usage =

1,241,500 gallons

Water used for Hydrant Maintenance =

42,000 gallons

Water used for Highway & Landfill Use =

363,465 gallons

Water used for WWTP / Jetting =

2,000 gallons

Water used for other known Usage

(tank draining, etc.) = 5,245,205 gallons

Water used for construction =

1,962,515 gallons

Unaccounted water =

19,163,651 gallons or 3.7 percent

Number of new water customers added to the system in 2018 = 41 (includes irrigation meters)

*\*2017 was one of the lowest pumping seasons on record. 2018 was a very dry summer which resulted in an increase in irrigation use thus increasing the amount of water pumped for 2018.*

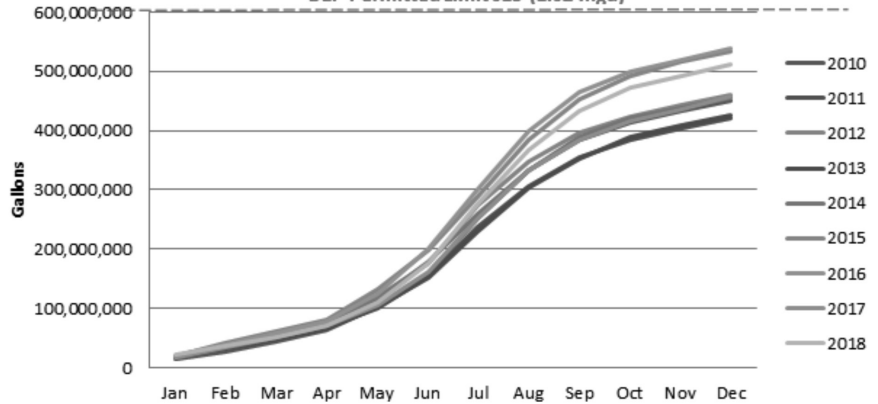
**Distribution System** – Water services which were installed using pipes made from lead, steel or copper continue to be replaced to improve water quality. When property owners replace the private side of their water service, the Water Department also replaces the public side or street side of the water service. Replacing old pipes conserves water by preventing possible leaks.

### Water projects completed in FY2019:

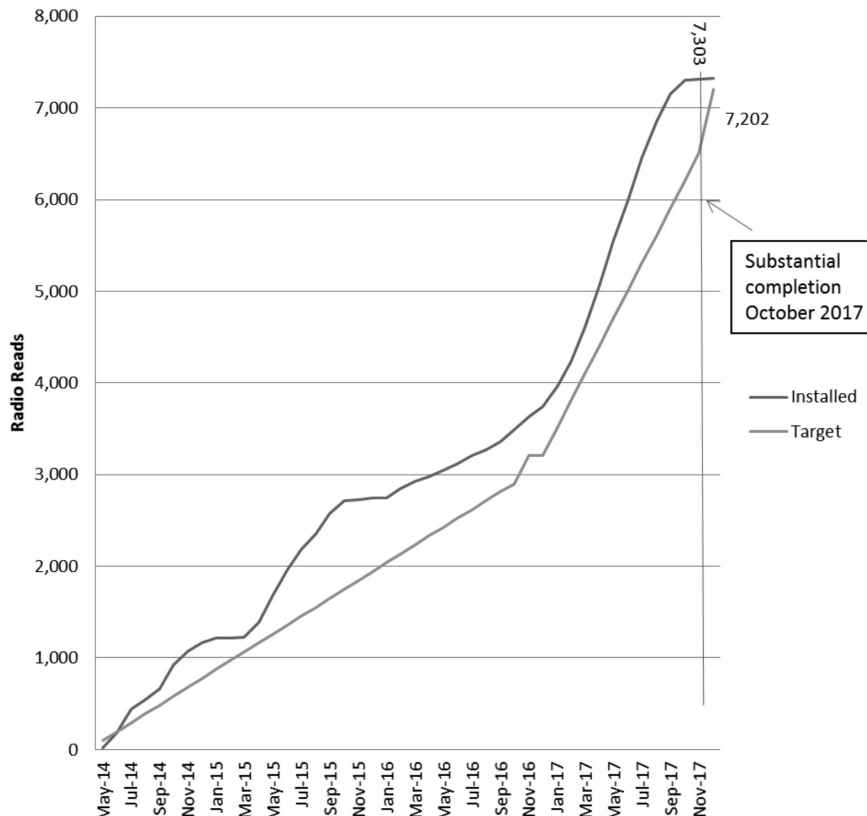
- In February 2018, Weston & Sampson submitted their results from the prolong pumping test (performed between December 6, 2017 and December 11, 2017) to DEP for Wells 10 & 11. It was confirmed that the safe yield of the site was 1,000,000 gallons per day, that water quality meets primary and secondary standards for a public water supply, and that MTBE was not detected in any water quality samples taken during the test. The next step is to seek DEP approval to have the water from these wells blended into

## Water Pumpage January 1, 2010 to December 31, 2018

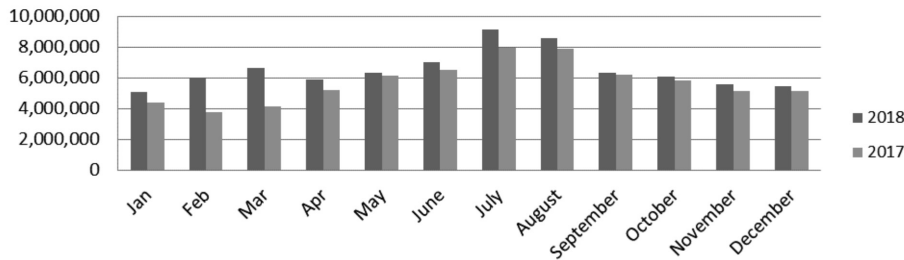
DEP Permitted Limit 518 (1.32 mgd)



## Radio Reads Installed vs Target May 1, 2014 to December 31, 2017



## Effluent Flows Calendar Years 2017 vs 2018



- Water Quality – Statistical Water Division information can be found under the Water Division Annual Statistical Report and its Consumer's Confidence Report on the Town of Chatham's website <http://www.town.chatham.ma.us>.

### SEWER DIVISION

The Sewer Division strives to improve the quality of wastewater treatment, increase customer service, and provide a high level of reliability to the sewer system to ensure a healthy environment. The Sewer Division plans to continue to improve its services by disseminating information to all customers on the Division's services; performing spring and fall wastewater collection system flushing; optimizing the Water Pollution Control Facility's nitrogen control system to ensure maximum removal of nitrogen; cleaning, painting, and maintaining equipment at all pumping stations and the Water Pollution Control Facility; updating sewer main service records; and optimizing the accuracy of all existing and new accounts on the Town's centralized computer system.

**Treatment & Pumpage** – The Sewer Division collected, treated and discharged a total of 77,966,244 gallons of water which calculates to an annual daily average of 213,606 gallons. Included in the total gallons collected, treated and discharged were 586,938 gallons of septage and 135,100 gallons of grease from various Chatham residents and businesses. The Facility successfully removed 18,610 pounds of Biochemical Oxygen Demand (BOD) and 29,398 pounds of Total Suspended Solids (TSS) from the waste received at the Facility. The Facility was able to maintain its biological nitrogen control process and meet its Total Nitrogen limitation of less than 10 parts per million (ppm) and maximum annual Total Nitrogen discharge loadings of 9,132 pounds. By the end of calendar year 2018, the Facility discharged a total of 1,388 pounds of Total Nitrogen, well below the permitted amount.

the Water Treatment Facility. Once approved, plans, specifications and bid documents will be drawn up. This approach avoids the need for an additional water treatment facility.

- In the spring of 2018, Williams Way and Hunter Rise developments were connected to the municipal water system.
- Construction of the Water Treatment Facility was complete and placed into operation on July 5, 2018.
- In conjunction with the ongoing sewer project, the Department replaced and looped deteriorating and undersized water mains on Shattuck Lane, Grist Mill, Tide Mill, Jane's Way, and Wheldon Way improving water quality and lessening construction impact to the public.
- 245 hydrants were painted.
- Leak detection in the water distribution system was ongoing.
- Commencement of the rehabilitation and painting of the 1.35 MG water storage tank occurred in November 2018. We anticipate completion of this project on or before May 15, 2019.
- On October 26, 2018, a significant water main break on Stage Harbor Road occurred, causing more than four hundred (400) properties to be without water for a period. A portion of Bridge Street's 8" water main located under water at the Mitchel River Bridge failed, compounding the problem. This situation prevented the ability to back feed the affected neighborhoods. In response to this, the Department had four (4) insertion gate valves strategically installed in the water system to assist with minimizing the impact on the public in the event of future breaks. In addition, the Department will be contracting to have the Bridge Street water main replaced in the near future.

### Station Maintenance

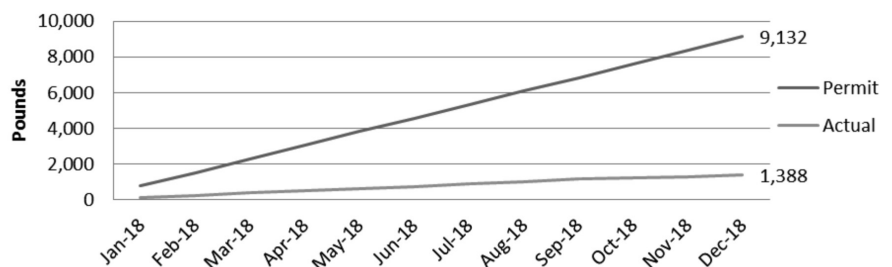
- Routine and annual maintenance and housekeeping was performed at all stations throughout the year.
- In November 2018, the overflow pit for the water storage tanks was rehabilitated.

- In the fall of 2018, all well's and stand-pipe's SCADA components were upgraded by replacing obsolete and unsupported programmable logic controllers (PLC) with state-of-the-art Allen Bradley PLC's, radio equipment, antennas and much needed associated electrical upgrades.
- In October 2018, the Department increased each well site's security by installing motion sensor LED exterior lights.

### Water Sampling

- In January 2018, samples were tested for Trihalomethanes, Haloacetic Acids, Nitrates, Sodium and Secondary Contaminants.
- In July of 2018, samples were taken for lead and copper as part of our reduced sampling schedule. All samples were below the action level for both at representative homes and the schools.
- 30 bacteria samples were taken for the month of July and the results reported to DEP. Two distribution samples tested positive for total coliform. Repeat samples taken after each detect were free of bacteria. These two detects puts Chatham in violation of the Revised Total Coliform Rule. Weston & Sampson employees conducted a Level I Assessment to see if a cause could be determined for the detects and none was. Subsequent sampling for the rest of the year did not detect any bacteria.

## Total Nitrogen Effluent January through December 2018



**Sewer Project** – In May 2014, Town Meeting appropriated \$17,500,000 to complete Phase 1C of the sewer expansion plan. Phase 1C continues sewer extensions in the Oyster Pond and Little Mill Pond watersheds. Both Contracts 1C-1 (D&C Construction of Rockland, MA) and 1C-2 (Robert B Our of Harwich, MA) are 100% complete. 1C-1 contract provided sewers on Homestead Lane, Chatham Heights, Old Main Street, Wood Valley Road Extension, Oyster Pond Furlong, and portions of Old Queen Anne Road, Wilfred Road, Stepping Stones Road, Stage Harbor Road, and Main Street. 1C-2 sewer contract provided sewers along Wheldon Way, Village Landing, Oyster Bluff, Tabitha Terrace, Independence Lane, Inlet Road, Shattuck Place, Shattuck Lane, Spinnaker Lane, Earle's Way, Janes Way, Gristmill Lane, Tide Mill Lane, Absegami Run, Oyster Pond Lane, Wineberry Lane, and The Cornfield. Final design of upgrading the 40+ year Old Mill Pond pumping station is now complete however; we are awaiting to secure the proper easements.

#### **FY2019 Sewer Accomplishments**

- Public Outreach – In May, an Open House was held at the Water Pollution Control Facility.
- Assisted emergency pumping operations throughout the year at the intersection of Morris Island Road, Little Beach and Windmill Avenue.
- Various repairs to the 1969/1970 era sewer system occurred as deficiencies were identified and/or experienced.
- An Inflow/Infiltration (I&I) study was conducted on the 1969/1970 era sewer collection system.
- Channel 18 performed a tour of the Water Pollution Control Facility (WPCF).
- Conducted daily inspections and checks on all 12 sewage pumping stations.
- Inspected 28 grease traps on monthly basis to remove grease build-up, prevent blockages in the system, and ensure they were within desired operating limits.
- Flushed the entire wastewater collection system twice, reducing the chances of blockage and back-up.
- Repairs were made to the 8-inch AC Sewer Mains on Main Street/Rte. 28 force main and 8-inch AC gravity main on Chatham Bars Avenue.
- Upgraded the Department's Supervisory Control and Data Acquisition (SCADA) system.
- Renewed the Water Pollution Control Facility's effluent discharge permit.
- Sewer Connections – There are currently 1004 properties connected to the sewer mostly around and along Main Street. Since

January 2018, there have been an additional 37 sewer connections.

**Respectfully submitted,**  
**Thomas P. Temple, Director of Public Works**

## **Railroad Museum Group**

The Chatham Railroad Museum welcomed over 5,782 visitors from 37 different state and 16 countries of the world during the 2018 season. Visitor traffic was comparable to 2018.

Work continued on restoration and improvements to the Caboose which began in 2017. Our members and volunteers are hopeful Town Meeting voters will again support the Museum by voting favorably on the Article seeking CPA finds for preservation of the wooden portions of the Caboose at the 2019 Annual Town Meeting.

The Railroad Museum Group is grateful to have received a few donations of railroad memorabilia this year.

We would like to thank the numerous individuals who volunteer their time, energy, and knowledge to sustain the Chatham Railroad Museum. The Museum volunteers keep the history and traditions of railroading in Chatham alive for residents and visitors.

**Respectfully submitted,**  
**Don Aikman, Acting Director**

## **Shellfish Advisory Committee**

Created by the Board of Selectmen in 1967, the Shellfish Advisory Committee (SAC) is an advisory committee mandated to oversee the protection of fragile shellfish habitat on behalf of the citizens of Chatham. The SAC also advises the Shellfish Department on fishery management, shellfish propagation, and regulations. Along with Chatham's Shellfish Regulations, the SAC references the Town of Chatham Bylaw 272 (Wetlands Protection), 310 Massachusetts Code of Regulations 10.00 (Wetlands Protection, and Massachusetts General Laws Chapter 130, 91 and 131 (Marine Fisheries, Waterways and the Wetlands Protection Act, respectively) for decisions pertaining to shellfish habitat and resources.

In 2018 the Shellfish Advisory Committee convened in open meeting 13 times (including 3 joint meetings with the Waterways Advisory Committee & South Coastal Harbor Plan Committee) to discuss and deliberate on numerous agenda topics including:

- Reviewed and proposed changes (pollution control measures) in Waterways Regulations: 3xs – voted to support 4-0-0
- Rock revetment proposal: 185 Sears Road – 2xs – Voted not to support proposal

- 90 Bridge Street – discussed at 5 SAC meetings, 3 joint meetings: culminated with consensus on Staff version #2, including:
  - Citizen's request to review other locations for upweller
  - Request by SAC for joint meeting
- Maintenance of Town landings over winter
- Use of fertilizers: w/ Health Agent to answer question 2xs
- DMF and FDA discussion/disagreement over mooring field/shellfish growing area designation
- Review draft Pleasant Bay Resource Management Plan: issue with language determining motorized vehicles in Muddy Creek. – 2xs Reviewed revised language – voted to support Resource Plan 4-0-0
- Review proposal to reconstruct dock and dredge under float dock: Voted to oppose 4-0-0
- Ryder's Cove Infrastructure Plan: 2xs – Voted to support with conditions:
  - Yes to west side dock with NO dingy storage (eelgrass)
  - NO pump out facility
  - Explore alternatives to bank stabilization
  - Safe non-timber ladders
  - Lost derelict moorings – reviewed policy
- Request to support Municipal Vulnerability Preparedness Program: Voted to support 5-0-0
- Monomoy Wildlife Refuge: update/Call for Action
- Review/revise Transient Mooring Agreement: 3xs – Approved for distribution
- Review Water and Sewer regulations: Chair, Larry Sampson to explain proposed irrigation recommendations
- MA Shellfish Initiative update
- Reviewed proposal for improvement dredging and dock reconfiguration; Outermost Harbor 2xs – revised plan: voted "not to oppose"
- Discuss issues concerning imported soft-shell clams and impact to local harvesters
- Update on MOU between Coastal Communities and Environmental Police Officers: daily patrols to comply to National Sanitation Survey Program, Model Ordinance requirements
- Invasive species removal on coastal banks and unintended consequences
- Cost benefits of upweller: input to Powerpoint for joint committee meeting
- Review NOI: Chatham Yacht Basin: renewal of dredge permit: Voted "not to oppose" 5-0-0
- Monthly review of Shellfish Department updates

The Shellfish Advisory Committee's monthly meetings are available for viewing on the Town of Chatham website: ([http://www.town.chatham.ma.us/Public\\_Documents/ChathamMA\\_CH18/Ch18](http://www.town.chatham.ma.us/Public_Documents/ChathamMA_CH18/Ch18)) and the Committee equally welcomes and encourages members of the public to attend and participate in all of its meetings.

**Respectfully submitted,  
Jamie Bassett, Chairman**

## South Coastal Harbor Plan Committee

The South Coastal Harbor Plan Committee (SCHPC) met ten times in 2018. Two of these meetings were held jointly with the Shellfish Advisory Committee (SAC) and Waterways Advisory Committee (WAC) regarding the project at 90 Bridge Street.

The SCHPC agreed with the Board of Selectmen that the master plan originally recommended by the three committees for 90 Bridge Street tried to fit too many uses, and at too great a cost, onto the small parcel. By the end of the year, we reached a consensus with the SAC and WAC on a revised plan for 90 Bridge Street, with the Shellfish Upweller almost entirely over water, at a 50-degree angle to the upland. This will optimize use of the existing pier and minimize encroachment to the Mitchell River Bridge. The SCHPC emphasized keeping a Cape Cod look to the building and keeping it as small and low as would accommodate the requirements of the Upweller.

A bulkhead, essential for vehicle maneuverability and stabilization of the existing site, should be built as soon as possible and perhaps prior to the Upweller. The master plan for the site has been reduced but will still accommodate both limited commercial fishing vessels and public recreational usage. The project can be phased to take advantage of State or other funding sources. We look forward to approval of the revised recommended plan by the Board of Selectmen.

The SCHPC recommended purchase of the Bridge Street Landing parcel across the street which was formerly leased by the Town. The purchase was approved at the 2018 Annual Town Meeting. This site provides better launching for kayakers than 90 Bridge Street.

The SCHPC supports Town staff's efforts to work with the Stage Harbor Yacht Club (SHYC) to see that the design of the Yacht Club pier and the Town's design of the Trap Dock (former Eldredge Pier), are compatible both functionally and aesthetically. The Yacht Club uses their pier only three months a year and we would like it available to commercial fishing boats during the balance of the

year, under a lease or other appropriate legal agreement between the Town and SHYC. We would also like to see the "sick bay" slot remain open between the two piers for commercial fishing boats for offloading and repairs.

We reviewed the Harbormaster's draft Mooring/Waterways regulations and articulated some of our concerns. We advocate more environmentally-friendly moorings, particularly helical moorings with elastic mooring lines. These will reduce impacts from mooring chains to eelgrass and other marine life. Helical moorings also reduce the likelihood of dragging mooring blocks, as seen in Hurricane Bob, with the potential for great damage to vessels and property. Elastic mooring systems are well proven, and we would like to see the installation of a demonstration area, likely in Outer Stage Harbor. Installation of these moorings could be funded through the Waterways User Fee Fund with phased reimbursement by private mooring holders.

We discussed with the Harbormaster the need to address several mooring issues including wait lists, third party usage, relocation of existing moorings based on size and draft of vessels, transient vessels, and the need for a Mooring Manager. For environmental reasons, we recommended changing mooring regulations to eliminate Styrofoam on floats within 7 years.

We felt just one committee should focus on the complexities of good mooring regulations and that responsibility lies primarily with the Waterways Advisory Committee.

We continue to support the provisions of the South Coastal Harbor Plan (SCHP), approved by Town Meeting and the Commonwealth, that there should be no increase in the total number of moorings in the Stage Harbor complex. There is room for increased efficiency and safety in how moorings are laid out.

Dinghy proliferation continues to be an issue that is not easily rectified. We discussed a variety of approaches including opportunities for expanded launch service, particularly in Stage Harbor.

The Chair participated in meetings concerning the Cape Cod Commission-sponsored Adaptation Strategies Database, funded by the National Oceanic and Atmospheric Administration (NOAA). It will help all towns on Cape Cod identify areas that are threatened by climate change and sea level rise and suggest the range of strategies that are appropriate. It will also help educate members of the public.

We supported the Town's two grant applications under the MA Municipal Vulnerability Program and another for Coastal

Resilience and Adaptive Management along Chatham's east-facing shoreline, including Stage Harbor.

We held discussions and will work with Town staff and other stakeholders to help determine the most appropriate proactive steps to be taken regarding flooding in the Little Beach area. This area is now more vulnerable than ever to winter ocean storms. Runoff of both rain and seawater is hampered by high ground water and low topography. We look forward to reviewing the studies being undertaken by the Town and by the Little Beach Association together with Outermost Harbor Marina. We expressed our concern that any solutions not impact the productive shellfishing area in adjacent Stage Harbor.

The Committee advocated beach nourishment for Hardings Beach and Cockle Cove. \$450,000 for this purpose were appropriated by the 2018 Annual Town Meeting, to be expended over two years. In August, the Town received word that \$350,000 was being awarded for the project from the 2018 Navigational Dredging Pilot Program from the State's Executive Office of Housing and Economic Development. Work is expected to commence in winter/spring 2019.

At Battlefield Landing, we asked that the Town preserve the rustic feeling of the lane and landing at this unspoiled piece of Stage Harbor. The Town will be paving the road as soon as issues can be resolved with abutters and we can approve the final plan.

We reviewed and commented on several other projects under consideration by the Conservation Commission, as is our role under the SCHP. We opposed dredging as part of a pier replacement on Stage Island and opposed a permanent catwalk in Sulphur Spring. We supported an application for reconfiguring the float system at Outermost Harbor Marina with a modest amount of dredging. We reviewed preliminary plans of the Marina to maintain access to Chatham Harbor in view of increased shoaling in that area.

We strongly opposed construction of a revetment at Sears Point on Oyster River. We were dismayed when the State Department of Environmental Protection (DEP) overruled the Chatham Conservation Commission's denial and issued a Superseding Order approving the rock revetment. The SCHPC is convinced that if the owners had properly complied with the conditions attached to their earlier permitted soft structure, and maintained it as recommended, they may not have had cause to seek a hard engineering structure.

At Oyster Pond Beach, we recommended that the Town remove the old bulkhead originally constructed to protect a house adjacent

to that site. The house was relocated several decades ago and the bulkhead is deteriorated and dangerous. We recommended nourishing the Oyster Pond family beach with at least 500 cubic yards of sand from Town dredging operations in Bassing Harbor. The nourishment was completed in November.

We recommended the Board of Selectmen sign onto the letter already signed by all the other towns on the Cape to support federal legislation designating Nantucket Sound as a National Historic Landmark. The primary purpose is to prevent a wind farm in the federal triangle surrounding Horseshoe Shoals. Our recommendation was predicated on the bill having no effect on fishing, shellfishing, dredging or other traditional or ongoing operations.

On Christmas Day the Committee Chair was able to observe first-hand, with Jamie Bassett, the sugar kelp growing operation he installed earlier in December in Nantucket Sound just off Stage Harbor Light. Lines are well buoyed and hang seven feet beneath the water, posing no threat to passing boaters. The Committee supported this operation during the earlier permitting phase, and we wish Mr. Bassett and his partners good fortune for developing a successful operation.

Thanks for this year's work are due to fellow committee members: Tom King, Vice-Chair; Dave Likos, Clerk; Kristin Andres; Ernie Eldredge; Dean Ervin and George Olmsted. Also, to Ann Ryan, Recording Secretary; Ted Keon, Coastal Resources Director and staff liaison; Stuart Smith, Harbormaster; Renee Gagne, Shellfish Constable; Bob Duncanson, Director of Natural Resources; and Cory Metters, Board of Selectmen liaison.

**Respectfully submitted,  
Michael Westgate, Chairman**

## Summer Residents Advisory Committee

The Summer Residents Advisory Committee began its Summer 2018 session with its first meeting on May 12, 2018. The Committee discussed the Articles in the Warrant for Chatham's Annual Town Meeting scheduled for May 14, 2018. While all Articles were reviewed, SRAC voted to support the following:

- #14 Council on Aging Facility Feasibility Study
- #15 Eldredge Public Library Design/Upgrade Project
- #16 Nantucket Sound Beach Nourishment Initial Phase
- #21 OPEB Liability Trust Fund Appropriation
- #22 Authorization to Petition General Court for Special Legislation to impose an excise

tax of 1.5% of the Land Bank Tax upon its expiration

- #24 Funding Appropriation for continued support of the Monomoy National Wildlife Refuge Comprehensive Conservation Plan

The Committee voted not to support Article # 23, the Authorization of a Real Estate Excise Tax on real property transfers. The positions taken by the Committee were essentially paralleled with Town Meeting voters.

### Topics and Informational Presentations

A number of presentations were given by Town Officials and Town Committee representatives during the summer months and are summarized in the following information.

### Waterways Infrastructure, Water and Waste Management.

Dr. Robert Duncanson, Director of Natural Resources, launched the Committee's summer informational sessions on June 15, 2018.

Topics presented and discussed were those enveloped in the \$11M appropriation for Waterways Infrastructure Projects. Specific projects addressed included the Observation Deck at the Fish Pier, Ryder's Cove Landing Improvements, and, the development of 90 Bridge Street. An overview was given of the Waste Water Management Phases, irrigation regulations, and, the status of additional wells to be put on line.

### The Status of Chatham: an Overview.

On June 22, 2018, Board of Selectmen Chair, Dean Nicastro, and Town Manager, Jill Goldsmith, addressed many issues facing Chatham. The Accessory Dwelling Unit by-law; an overview of the need for greater OPEB funding; the concept of shifting of a 1 1/2 % Land Bank tax toward OPEB; project prioritization; and, work with the Edward J. Collins, Jr. Center for Public Management were discussed.

### Fiscal Overview: Capitol Projects and Funding.

The presentation of June 29th, 2018 was given by Finance Committee Chair, Stephen Daniels, and Finance Director, Alix Heilala. Debt obligations such as OPEB, and the Water Treatment and Waste Water on-going projects for the foreseeable future were reviewed. The Finance Committee's Potential Five-year Spending Schedule was also presented and discussed.

### Navigating the Waterways and Beach Nourishment.

A panel presentation featuring Harbormaster, Stuart Smith, and Director of Natural Resources, Ted Keon, on July 13, 2018, updated the Committee on the status of Chatham's Waterways and on the significant shoreline changes that occurred over the winter months

as well as the impact on recreational boating and commercial fishing. Shoreline restoration, renovations to the Fish Pier and several Town Landings, and the 90 Bridge Street project were discussed.

### Council on Aging: Scope and Project Progress Report.

On July 20, 2018, Mandi Speakman, Director of the Council on Aging, David Speciale, Chairperson of the Board of Directors, and Terry Whalen, Project and Operations Director, gave a presentation on the status of Chatham's COA Facility Plan. COA's Needs Assessment and Space Needs Analysis were reviewed. A site location has yet to be determined.

### Eldredge Library Site Improvement Project.

On July 20, 2018, Terry Whalen, along with Amy Andreasson, EPL Director, reviewed the Eldredge Library Site Improvement Project that is intended to improve accessibility, to restore the "Pioneer Memorial" and improve its setting. Renewed and redesigned landscaping, as well as some interior work, are part of the plan.

### Planning Initiatives.

On July 27, 2018, a number of Planning Initiatives were presented by Katie Donovan, Director of Community Development; Ali Sabatino, Principal Planner, and, Tom Geagan of the Planning Board. An update on the status of the Eldredge Garage Property was presented as was the Accessory Dwelling Unit by-law.

### Sidewalk Improvement Plan and West Chatham Roadway Projects.

On July 27, 2018, Tom Temple, Director of Public Works for Chatham, presented an update on the Sidewalk Improvement Plan, the West Chatham Roadway Project, and the status of the Water Treatment Facility.

### Bikeways Initiative.

On August 3, 2018, SRAC member and member of Chatham's Bikeways Committee, John O'Toole, presented the Chatham Bikeways Committee's overall plan that includes Chatham's Master Bike Plan, regional coordination activities, and bike accommodations to provide increased safety for bikers.

### Report and Recommendations

During the course of the Summer Session, the Summer Residents Advisory Committee members, organized along Subcommittees, elected to research and analyze key issues facing the Town of Chatham. Each topic was deliberated by the entire Committee and a position was adopted as SRAC's recommendation.

### **Council on Aging**

A Subcommittee of SRAC was appointed this summer to examine the need and plans to replace the current Council on Aging facility at 193 Stony Hill Road. A copy of their report is attached. Chatham's current Senior Center, at 9004 square feet, is the largest dedicated senior facility on the Lower Cape. Chatham has the smallest population, age 60 and over, after Eastham. The facility was originally an office building making utilization of the space for a Council on Aging awkward. Support beams divide spaces and interfere with line of site in many of the rooms, resulting in an inefficient use of the square footage of the building.

#### **The Subcommittee recommended that:**

1. The Stony Hill building be replaced with a new facility;
2. The new space reflect those services and programs COA is uniquely qualified to offer and not duplicate existing programs and available space offered at other Town facilities;
3. The size of the building proposed in the Space Needs Assessment, at 14,000 square feet, not be a starting point in evaluating the availability of Town owned properties, as it provides space for programs that are available at the Community Center and Eldredge Public Library;
4. A smaller well-designed space would be more than adequate to meet seniors' unique needs.
5. The current location should be a candidate for the new facility.

The Subcommittee's recommendations were adopted unanimously by SRAC.

### **Capital Debt Prioritization**

In its 2017 report to the Board of Selectmen (BOS), the SRAC strongly supported the proposal of the Finance Committee that Chatham, in conjunction with the Collins Center, implement a program to evaluate and prioritize capital expenditures. That program has been vigorously pursued by staff and a report is expected in the near future.

The SRAC reaffirms its support for the program and suggests to the BOS that prioritizing capital expenditures is not just a good practice; it is a necessity if Chatham is to maintain its healthy financial condition. Specifically, the 2017 Town Meeting approved Capital Bonds of up to \$31,000,000 to finance wastewater improvements and \$11,355,000 for waterfront improvements. The additional debt service on these two borrowings would cause future debt service to hover around \$7,000,000 a year—generally the highest appropriate amount absent an increase in revenue.

In preparation for the review, all Town Departments listed their Capital Program Requests for the next five years. The total cost of those projects is \$52,375,000 as detailed in the 2018 Warrant (page A-79). Certain projects are likely to be paid for by bond issues (e.g. Council on Aging, \$4.5 million, and purchase of Eldridge Garage Property \$2.5 million). The attached Chart illustrates the impact on debt service if Chatham issues bonds to pay for those projects. The result would be to increase the debt service in a few years to a fairly constant level of \$8,000,000 per year.

In addition to issuing bonds for large projects, Chatham has funded about \$2.1 million of less costly capital items annually out of cash. But even after taking into account the bond revenues and cash payments described above and eliminating duplication of capital requests now included in proposed bonds, Chatham will still have approximately \$32,000,000 of outstanding Capital Requests. That amount is more than Chatham will be able to fund in the near term without implementing a program of prioritization.

While this is largely a worst-case analysis, and other revenues will come in, including payments from Harwich, and contributions from revolving funds and outside sources, there will also be additional capital requests, increased construction costs, and, further in the future, the completion of the third stage of the sewer project at a cost likely to be well into the 10's of millions of dollars.

The Staff has always sought, and will continue to seek, new and additional sources of funds and methods to contain expenses; but the remaining capital expenditures requested are at a level beyond Chatham's capacity to currently pay or bond. Thus, under any scenario, prioritization of capital expenses is a necessity and will require the strong participation and support of the Board.

### **ADU Zoning Bylaw Article**

The Town has identified a need to provide affordable or low-cost housing, and employment opportunities to attract and retain young families. Such families will provide a future cycle of growth within an aging community with many summer residents. The Summer Residents Advisory Committee (SRAC) supports the concept of maintaining Chatham as a multi-generational growing community. To advance that concept the Planning Board has in the past advanced proposals for affordable housing. The lack of success in more traditional methods to develop affordable or lower cost housing has resulted in the current proposal to allow Accessory Dwelling Units (ADU).

ADUs are confronted with the same obstacles that have prevented such development in the past:

1. Town Meetings have voted down overlays that would allow more housing density in most parts of Chatham, thus questioning the voter's commitment.
2. There does not appear to be a substantial increase in year-round employment in Chatham to draw additional young families.
3. Chatham has to "compete" with Harwich for those new families. A family seeking to settle or remain in the area can live in Harwich, have access to the same school system and pay about the same average tax bill (Chatham \$4462; Harwich \$4456). However, where the average assessed value of a home is \$506,403 in Harwich, it is \$916,286 in Chatham.
4. Moreover, the high value of real estate in Chatham makes the construction of single-family homes the most profitable use of the land. Chatham has been so fully developed that the destruction and replacement of older smaller homes has become the next wave of development—a matter of some debate.
5. Alternative housing for young families is also impeded by the growth of summer rentals to tourists and the more recent development of Airbnb's as a factor in providing a more financially rewarding use of the owner's property.

In the midst of this rather complex matrix, the ADU proposal seeks to apportion density in Chatham by allowing individual homeowners decide where in town the new dwellings will be built. Leaving the placement to chance is like zoning by throwing darts at a map of Chatham. It subjugates the good community-wide planning of a Zoning By-Law to the advancement of a laudable idea that has had no success in the past and still faces many obstacles. It is further complicated by the desire to combine it with an effort to help seniors age in place—an effort with distinctly different goals and necessary restrictions.

Perhaps most Important it has a high risk of producing unintended consequences and raises many questions, such as:

Should we focus our efforts on pursuing more traditional forms of low cost housing? An experienced developer in our group estimates that just one acre of land in a public/private development could yield 20 of the 800 sq. ft. units constructed in duplex form with ample parking included. Should we address ADUs in the context of job growth and a policy for regulating Airbnb's? A forthcoming State law may provide opportunities to better regulate Airbnb's for health and safety

and allow a stream of income to assist with affordable and low-cost housing. Should we protect abutters with deed restrictions on the developed property? Can we provide better assistance to seniors with small adjustments to the existing ZBU? Should we eliminate "as of right" construction and any "amnesty" and require Zoning Board approval for all construction? Should we maintain the current requirement of 20,000 sq. ft. of buildable upland for ADU development?

There will be many more questions as this project evolves. This is not to say that these questions are unanswerable, but only to say that there is a long road from here to an informed consensus on this issue.

The ADU Bylaw now being developed by the Planning Board will have a substantial impact on the use and look of housing throughout all neighborhoods in Chatham. That is a decision which should not be made in haste without substantial further study and consideration. The SRAC have only just begun collecting information and find many issues that will have to be resolved by analysis and debate. Starting the public evaluation of this project in August and scheduling it to conclude it at a Town Meeting in May 2019 will necessarily exclude Summer Residents from meaningful participation. Thus, it is the request of SRAC that the Board of Selectmen allow more time for fact finding, analysis and debate and set this issue for resolution at a later Town Meeting.

#### **Charter Review Committee**

A Charter Review Committee (CRC) was appointed and began work in April 2013. It conducted an extensive review during which all segments of the community had the opportunity to express their views. Revisions to the Charter were approved by voters at the May 2015 Town Meeting and finally approved at the annual election on May 12, 2016. Now, only two years later, the Board of Selectmen (BOS) is in the process of appointing citizens to a new CRC.

While the Charter requires the appointment of a new CRC every five years, that period runs from the date the last CRC was appointed and not from the date the revised Charter was adopted. This Charter was fully reviewed and adopted only two years ago; therefore, while there is always room for corrections, there is no reason to extensively revisit all the work that was just done. A similar observation was made at the June 18, 2018 meeting of the BOS, along with the suggestion that the only significant change necessary at this time is to change the review period to seven years.

The SRAC concurs with the views

expressed by the BOS and suggests that the only significant revision that now appears necessary is to provide that the five-year period for appointment of a new CRC be extended to seven years, as it was in the past, or that the period run from the date the revisions to the Charter are finally adopted.

#### **Finance and OPEB Funding**

On numerous occasions, SRAC has recommended that the Town adopt a long-term plan to fund OPEB, significantly greater than the "regular" \$150,000 OPEB Trust appropriation done in prior years. We applaud the additional funding considerations taken by the BOS, especially Warrant Article #22 (ATM approval to repurpose ½ of current 3% land bank surcharge as a dedicated funding source to the OPEB Trust Fund).

Regarding the OPEB funding challenge, we would like to make a few observations:

1. The Town's OPEB liability has been identified as a priority item for FY 2019 (source: Town Manager's FY 2019 Budget Summary).
2. At the funding rate of \$150,000 per year, the Town will never meet its OPEB obligation (source: Town Manager's FY 2019 Budget Summary).
3. The Massachusetts Legislature will need to approve the repurposing of the land bank surcharge (H4781). If approved, additional OPEB Trust funding would not take place until FY 2021.

In light of these observations, we recommend the Town increase the annual funding of the OPEB Trust to a total funding amount of not less than \$500,000, effective at the next fiscal year. At this funding level, at least the approximate \$500,000 annual OPEB shortfall (source: 2018 Chatham Scorecard, slide number 8) would be met.

While this recommended increase would not make a "dent" in the \$16.8 million unfunded OPEB liability (source: 2018 Chatham Scorecard, slide number 8), the repurposing of the land bank surcharge would (estimate of \$5.8 million over ten years. Source: Town Manager's FY 2019 Budget Summary). However, if the Massachusetts Legislature does not approve the repurposing, we recommend the Town have a contingency "Plan B" ready for consideration that will provide a similar long-term solution.

Because of awareness, the large dollar amounts involved, and government accounting standards, OPEB liability has received more attention from not only Town officials and SRAC, but also from Town citizens. SRAC looks forward to seeing the progress the Town will make in paying down (i.e. amortizing) the OPEB liability in the years to come.

#### **Waterways Mooring Regulations**

In 2018 the Summer Residents Advisory Committee (SRAC) continued to advance SRAC's 2017 recommendation that the mooring regulations set forth in the Chatham Waterways Bylaws be incorporated into the Harbormaster's mooring regulations. In furtherance of its recommendations SRAC prepared and approved suggested mooring regulations. On April 15, 2018 SRAC's proposed regulations were submitted to the Board of Selectmen, Town Manager, Dr. Duncanson, Peter Taylor, Chairman Waterways Committee, and Harbormaster Stuart Smith. See copy of email from SRAC Chair Colette Traylor attached. SRAC's 2017 request for mapping of moorings was also restated at that time.

On April 26, 2018 the Waterways Committee held a public hearing on the Harbormaster's Draft Regulations at which time SRAC appeared and requested that it be heard. However, the Chairmen of The Waterways Committee refused to consider the Town Bylaws and would not allow the Summer Residents Advisory Committee to present its recommendations.

On July 2, 2018 the Harbormaster's proposed regulations came before the Board of Selectmen approval and requested that the Board not approve the proposed regulations unless they included the Waterways Bylaws as suggested by SRAC in its April 15 email. SRAC also reaffirmed its request that the mooring fields be mapped. At that meeting Selectman Davis suggested that she suggested the retention of a maritime attorney.

On July 16, the Board of Selectmen again considered the Harbormaster's Draft Regulations. At that meeting SRAC again advocated for the inclusion of the mooring bylaws in the mooring regulations and advised the Board that it supported Selectman Davis' suggestion to hire a maritime attorney. Selectman Davis suggested that consideration of retention of maritime counsel would be appropriate at the BOS meeting on August 13 at which time the Harbormaster's compliance with the Waterways Bylaws would be on its agenda. On August 13, the Board of selectmen unanimously voted to retain a maritime attorney to advise the BOS and to work with the Waterways Advisory Committee to adopt mooring policies, bylaws and regulations before the 2019 Town Meeting. SRAC supports this method for resolving the mooring issues.

SRAC recommends that the Board direct its retained counsel and the Waterways Advisory Committee to reach out to the community, including The Summer Residents Advisory, to learn the concerns of the community and obtain suggestions from the community concerning mooring policies, bylaws and regulations.

## Fish Pier Parking

In its 2017 Report and Recommendation to the Board of Selectmen (BOS) the Summer Residents Advisory Committee (SRAC) recommended that the Town address the remaining Fish Pier parking issues in conjunction with the renovation of the Fish Pier. This summer, we were advised by staff that parking issues would not be addressed in the upcoming work on the Fish Pier.

We suggest that this issue merits further consideration by the BOS. Since August 2012, the SRAC has, after analysis of the different groups using the Fish Pier, proposed to the BOS a number of methods to allocate parking and to keep parking off the local streets. In 2014 when the Aunt Lydia's Cove Committee proposed a method to prioritize parking for the fishermen at the Fish Pier, the SRAC appeared before the BOS and supported that proposal. It has been implemented and serves to protect the fishermen. At that time, other possible action was raised by staff for consideration by the BOS. The letter from staff noted:

*"Further discussion is needed as to the appropriate number of spaces to be allocated for the general public as well as the pros and cons of establishing time limits on these spaces,"*

No action has been taken by the BOS on this suggestion. Nor has the BOS acted on any of the other suggestions by SRAC, which were designed to provide more access to parking by Fish Pier visitors and to promote safety by taking cars out of the dangerous parking areas on Shore Road and Barcliff Avenue. The need for the BOS to focus on these two problems is highlighted by the recent decision of Judge Pasquale in Chatham's eminent domain litigation with CBI. In that decision the Judge referenced the Town's Order of Taking, which asserted a public purpose in the taking to support local fishing and tourism and also to support public safety by keeping parking off the narrow streets creating unsafe conditions (Order page 3).

The language of the September 2014 Order of Taking executed by the BOS is clear in stating Chatham's need and intent:

*"It is vitally important the Town have enough parking to accommodate the general public and commercial fishermen. The availability of an adequate number of parking spaces is vital to serve the tourists and commercial fishermen and, as such, is vital to the Town's economy. It is also important that the general public and recreational boaters have adequate parking.  
[5] Securing an adequate number of parking spaces is also vital for public*

*safety purposes. Without an adequate number of parking spaces, people park on Shore Road and Barcliff Avenue.*

*This creates an unsafe condition by limiting the width of the roadway, creating traffic conflicts and hindering passage by emergency vehicles."*

The Fish Pier received 3000 visitors a day in 2017, totaling more than 200,000 that season, as calculated by the Wharfinger in the Chronicle. Visitors to the observation deck should only need an hour or so for their visit, but unlimited parking in the upper lot allows the lot to be filled up by longer term parkers such as seal cruises, beach shuttles and others. The short-term visitors come last and are thrown out onto street parking. In expanding the observation deck we are inviting more of them to visit and we are not making provision for their safety as the BOS acknowledged was necessary.

SRAC requests the BOS to make a parking and safety solution part of the Fish Pier renovation project.

## Eldredge Public Library Site Master Plan

Preliminary discussions began in mid-2017 concerning areas of the Eldredge Public Library that are in need of repair or upgrade. Town staff began compiling and reviewing items with Library staff, the Eldredge Library Board of Trustees, and the Friends of EPL Group. Areas of concern included restoration of the Pioneer Memorial, and a wide range of improvements including handicap accessibility, building improvements, pedestrian/parking lot safety, and landscape/site layout improvements.

Coordination meetings, site visits and conceptual drawings were produced for a presentation of the Library Site Master Plan Capital Article Request to the Board of Selectmen in February 2018. These drawings outlined a relocated and refurbished monument and base, a surrounding sitting wall, regraded lawn and sidewalk improvements. Key enhancements to the landscape and parking area include an extended ADA accessible path and railing from the reconfigured parking lot to the front of the building (eliminating the need to walk on Library Lane), a reconstructed semicircular path in front of the library, a center handrail for the front steps, new lighting, benches and bike racks, and new landscape scrubs and ground cover.

Contingent upon approval by 2018 Annual Town Meeting, review of the final concepts by the Planning Board, HBDC, and the Board of Selectmen were required before contract drawings or implementation actions could be initiated. The proposed Article 15 sought \$483,000 as a Capital Project, and was limited

to documentation, the various site improvements, electrical panel upgrades, and equipment protection shelter. Article 42 sought to transfer \$3000 from the Community Preservation Fund Historic Preservation Reserve for the purpose of restoration and repositioning of the Pioneer Memorial. Both articles were approved unanimously at Town Meeting.

The Summer Residents Advisory Committee gives its support for these projects which will restore and embellish the Pioneer Memorial, substantially improve pedestrian and parking lot safety, make enhancements to handicap access to meet current ADA requirements, and add improvements to the landscaping and building in keeping with the character of this National Register of Historic Places site, a true asset to the Town of Chatham and the Main Street environment.

## Bikeways Initiative

A member of the SRAC Bicycle Subcommittee (who is also the Chair of the Chatham Bikeways Advisory Committee "CBAC") presented a report on Bikeways Initiatives in Chatham. One of the current Bikeways initiatives is to enhance bicycle riding safety in Chatham. The CBAC is in the process of identifying possible funding sources for and plans to apply for funding for bicycle safety projects, such as the Community Preservation Act Program and appropriate MassDOT funding programs.

Based on the Bicycle Subcommittee presentation, SRAC unanimously adopted the following resolution at the August 17, 2018 meeting:

*"Whereas, bicycling in Chatham has increased in popularity in recent years; it is estimated that the number of bicyclists in Chatham in the summer of 2018 has increased by 15-20% over 2017; roads in Chatham are narrow; during the summer auto traffic in Chatham is very heavy; and the combination of these factors creates safety issues for motorists and cyclists;*

*Therefore, the Summer Residents Advisory Committee supports the efforts of the Chatham Bikeways Advisory Committee (CBAC) to obtain funding and implement one or more bicycle safety projects through the Chatham Community Preservation Act Program and/or available MassDOT grant programs."*

**Respectfully submitted,  
Colette Traylor, Chair**

## Town Clerk

Office activity during the calendar year 2018 included:

- 27 Planning Board applications, decisions, etc. filed

- 103 Zoning Board of Appeals applications, decisions, etc. filed
- 75 Doing Business Under An Assumed Name Filings (DBA)
- 19 Gasoline Storage Permits Issued
- 13 Raffle Permits Issued
- 87 Marriage Intentions Filed

Monies received at the Town Clerk's Office and paid to Treasurer:

For Certifications and Other Miscellaneous Fees		\$18,874.00
563	Dog and Cat Licenses Sold	\$2,738.00
20	Bylaw Violations	\$650.00
<b>TOTAL</b>		<b>\$22,262.00</b>

### Vital Records Recorded

As recommended by the State Office of Vital Records, only the number of births, marriages and deaths recorded in the last three years are listed:

**Birth Comparison:** 26 recorded in 2018  
25 recorded in 2017  
25 recorded in 2016

**Marriage Comparison:** 84 recorded in 2018  
78 recorded in 2017  
81 recorded in 2016

**Death Comparison:** 177 recorded in 2018  
175 recorded in 2017  
154 recorded in 2016

### Demographics

- 6,301 Year-Round, Full Time Residents were listed at the close of 2018
- 5,775 Registered voters were listed at the close of 2018
- 1,247 were enrolled in the Democrat Party
- 1,136 were enrolled in the Republican Party
- 16 were enrolled in the Libertarian Party
- 3,334 were registered as Unenrolled (formerly termed "Independent")
- 42 were enrolled in a "political designation"

### Four Voter Events were held during 2018:

Monday, May 14, 2018

Annual Town Meeting

Thursday, May 17, 2017

Annual Town Election

Tuesday, September 4, 2018

State Primary Election

Tuesday, November 6, 2018 State Election

Monday, October 22 – Friday, November 2nd:

Early Voting

(1,232 Total Voters Participated in Early Voting = 21.4%)

**Respectfully submitted,**  
**Julie S. Smith, MMC/CMMC**  
**Town Clerk**

## Water & Sewer Advisory Committee

In 2018 the Water and Sewer Advisory Committee spent much of their time discussing and amending proposed changes to the water rates. Following a presentation to the Water & Sewer Commissioners the Committee worked Staff and the Consultant on proposed revisions to address concerns/comments voiced during the presentation. A new proposal is expected to be brought to the Commissioners in early 2019.

Although the new Water Treatment Plant for wells 6, 7, & 9 was expected online for the summer the Committee again requested the Water & Sewer Commissioners implement voluntary water conservation measures. Although precipitation in the May – August timeframe was at or below average groundwater levels were higher than previous years' lows due to a wet spring.

Much discussion was dedicated to addressing updates to the Sewer Regulations prepared by GHD and whether Town Meeting approval was necessary to amend regulations.

We sadly marked the passing of our Vice Chairman Michael Skelley.

The Committee would like to thank Thomas Temple, Pam Jones, Richard (Val) Peter, and Robert Duncanson, Ph.D., for their staff support throughout the year.

**Respectfully submitted,**  
**Larry Sampson, Chairman**

## Tree Warden

In 2018 the Tree Warden carried out the duties as specified in Chapter 87 of the Massachusetts General Laws. The Tree Warden position is part of the Park and Recreation Department. The Tree Warden is charged with overseeing the street trees along all Town owned roads.

There were several dead or hazardous trees removed throughout the Town during the year. Severe storms in March caused damage to several trees also around the community. Another very dry summer period also caused problems for trees already under stress from insect infestations.

The Chatham Friends of Trees, Inc. donated and planted several more trees and shrubs around Town. The Friends of Trees remains a very active organization for planting and maintaining trees in our community and I thank them for their continued help and support. Trees were planted in Chase Park, Kate Gould Park, the Community Center and other locations.

Thanks to the Friends of Trees, Chatham remains a "Tree City" by the National Arbor Day Foundation. There are signs at the

entrance to Town that indicate this. It is recognition that Chatham is a community that is actively planting and managing its community trees.

While the gypsy moth infestation in the State was down overall this year, defoliation of trees in Chatham was still evident, especially in the northwest corner of Town. The area along Queen Anne Road was most impacted by gypsy moth defoliation.

The Winter Moth damage on Cape Cod was down greatly this year thanks in large part to weather factors in the spring. This reduction in damage was helpful along with more normal rainfall during the summer. The repeated defoliation of trees by the caterpillars reduces the health of the trees.

If anyone has a concern regarding a street tree along a Town owned road, please call me at (508) 945-5158 or email dtobin@chatham-ma.gov.

**Respectfully submitted,**  
**Daniel L. Tobin, Tree Warden**

## Waterways Advisory Committee

The Waterways Advisory Committee again had an active year with several waterfront improvement projects underway, rewrite of waterfront regulations, and dredging. The Committee is committed to addressing all issues related to access and use of the waterways of Chatham and we support all users of the waterways, commercial and recreational, to provide an efficient and safe waterfront.

Discussions continued for the development of a site master plan for 90 Bridge Street. Several joint meetings with the Shellfish Advisory and South Coastal Harbor Plan committees were held to discuss the uses of this property. The site development is challenging due to its small size, limited parking and location directly adjacent to the Mitchell River Bridge. The goal is to develop a plan with multi-functional uses including a new shellfish upweller with associated docks and infrastructure for recreational and commercial boaters. The engineers have presented a variety of schemes, all of which had merit, and consensus was reached on a plan to be presented to the Selectman in early 2019 for review and approval.

The Committee discussed and supported preliminary plans for replacement of the Trap Dock at Stage Harbor. Town staff held discussions with Stage Harbor Yacht Club to try to develop a collaborative plan for the Town-owned dock and the dock owned by the yacht club. Moving forward, the Town and yacht club are pursuing their respective projects independently but will continue to coordinate

the projects so one does not interfere with the other. Meetings have been held with fisherman and other users offering their suggested and required equipment and infrastructure to be placed on the dock. Engineering continues with final plans and permit applications to be submitted in 2019.

The long process of designing the new observation deck at the fish pier has been bid and low bid contractor awarded. We are awaiting signed contracts. This will get the project moving soon.

Renovations to the Ryders Cove bulkhead, ramp, floats and possible new pier and float to the west of the ramp were reviewed and approved and will now move into the permitting phase, with final plans to follow.

The Committee approved the removal of a derelict bulkhead at the Oyster Pond. It was determined that this was best done in the winter to minimize disturbance in the area. The project needs review by the Conservation Commission before proceeding.

One of the major efforts this year was a rewrite of the Waterways and Mooring regulations. The goal was to consolidate various separate waterways-related regulations into a single set and revise and clarify mooring and other water related regulations. Many discussions were held along with public input. The Committee approved the final set which were then adopted by the Harbor Master. The Board of Selectman directed the Town Manager to provide an independent legal review of the regulations to ensure there were no conflicts with governing Town bylaws or State statutes and regulations. Legal consultants were interviewed, selected and hired to take on this task. This effort is underway with a short timeframe so that, if necessary, bylaw changes can be placed on the warrant for Town Meeting.

After many delays and lousy weather, the channel at Fox Hill was finally dredged this past fall. The dredged sand was placed along the shoreline at Scatteree Landing. The Mill Creek inlet was dredged in July with the sand used to restore the beach at Cockle Cove. Emergency dredging was approved to remove shoals near the North Cut for the fishing fleet and Coast Guard but was not completed due to severe weather conditions.

As chairman I would like to thank the members of the Waterways Advisory Committee, Harbor Master, his office and Town Staff for all their help and support this past year.

**Respectfully submitted,  
Dick Hosmer, Chairman**

## Zoning Board of Appeals

The Zoning Board of Appeals scheduled one hundred fifteen (115) hearings through December 31, 2018, with the summary of results for the twenty-four (24) meetings shown below, as compared to twenty-four (24) meetings and one hundred twenty (120) hearings in 2017. Please note that one request may necessitate relief from more than one dimensional requirement or provision of the Zoning Bylaw.

There were eighty-five (85) Special Permit requests, of which seventy-four (74) were granted, (twenty-three (23) with conditions), five (5) were withdrawn, one (1) was denied and five (5) were continued to 2019. As compared to ninety (90) Special Permit requests in 2017.

There were fourteen (14) Requests for Modification of existing Special Permits, thirteen (13) were granted and one (1) was withdrawn.

There were eleven (11) Variance requests, six (6) were granted, four (4) were withdrawn and one (1) was continued to 2019.

There were four (4) Appeals of the Building Commissioner. The Board voted to uphold the Building Commissioners determination on two (2) of the Appeals, one (1) reconsideration of a previous vote was approved with conditions and the one (1) Appeal was continued to 2019. The Appeals included:

- *Application No. 16-091 CBI appealing a Cease and Desist Order for the property at 45 Chatham Bars Avenue (Continued to 2019)*
- *Application No. 16-092 CBI appealing a Cease and Desist Order for the property at 0 Claflin Landing*
- *Application No. 18-046 Arron and Courtney Polhemus appealing the refusal of the Building Commissioner to issue Cease and Desist Order for the property at 20 Chatham Bars Avenue*
- *Application No. 18-052 Douglas and Jane Kelly appealing the issuance of a building permit for the property at 314 Cockle Cove Road*

There was one (1) appeal to the Sign Code Appeals Committee, which was granted.

Of the one hundred fifteen (115) applications heard through December 20, 2018 there were a total of thirty (30) continuances.

Revenue collected for calendar 2018 through December 31, 2018 was \$19,050, as compared to \$22,550 in 2017. The 2018 figure includes fees collected for several hearings in 2019.

**Respectfully submitted,  
David Nixon, Chairman**

## **CHATHAM ANNUAL REPORT 2018**

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### **Town Meetings, Town Elections**

## Town of Chatham – Annual Town Meeting – Monday, May 14, 2018

**M**oderator William G. Litchfield opened the Annual Town Meeting at 6:00 p.m. There were 451 voters present, far exceeding the quorum of 100 voters. As usual, the Annual Town Meeting was held at the Monomoy Regional Middle School gymnasium (425 Crowell Road).

On behalf of Town Clerk Julie Smith, the Moderator read the “Constable’s Return of Service” Barnstable, ss: “Pursuant to the written WARRANT, I have notified and warned the inhabitants of the Town of Chatham by posting attested copies of the same in each of the Post Offices of said Town at least fourteen days before May 14, 2018 on April 18, 2018, John Proudfoot, Constable.”

The Moderator administered the Oath of Office to the volunteer Tellers for the evening: Bruce Beane, David Eldredge, Theodore Keon, Louise Redfield, Donald St. Pierre, and Deborah Walther.

The Moderator introduced Stefanie Farrell, who once again provided CART (Communication Access Real-Time Translation Services) for the hearing impaired. Stefanie types the voter’s words into a stenographic machine which translates the stenotype shorthand into English and displays the voter’s words onto a large screen at the front of the gymnasium. Also, Chatham Boy Scouts Paul Carlson and Carlisle Nash from Troop #71 presented the flags and led the voters in the Pledge of Allegiance.

Moderator Litchfield read the “In Memoriam” list and asked the voters to join in a moment of silence for those former town employees and committee members who have passed away in the past year; William Gary Anderson, Robert G. Dow, John K. Kendrick, Mary Loveland, Thomas H. McCutcheon, Thomas F. Murphy, Jr. Ralph Pape, John Payson, Richard E. Pittenger, Timothy L. Roper, Bradford “Lee” Tallman, Jr.

The Moderator also reminded the voters that members of the League of Women Voters were present in the front row to enforce the 5-minute speaking rule.

Resolution as presented by Selectman Cory Metters: Resolved that the Town vote to adopt the following rules of procedure for the Town Meeting of May 14, 2018.

A) The Moderator shall have the option of reading each Article in the Warrant verbatim or summarizing the subject matter therein in general terms, at his discretion.

B) Upon an Article having been disposed of by vote, the Moderator shall entertain a motion to reconsider said Article or to accept a Resolution pertaining to said Article only during the same session during which said vote was acted upon.

C) A motion to move the previous question shall require a two-thirds vote and may not be debated.

D) The Moderator shall not accept a motion to move the previous question by any person discussing the Article until after an intervening speaker has discussed the Article.

E) A non-voter may request the privilege of addressing the meeting on a motion made under any Article or Resolution offered, the request to be granted by the Moderator unless there is an objection by a voter. Upon objection, the Moderator shall poll the meeting by voice or count, at his discretion, and a majority vote in favor shall entitle said non-voter to address the meeting. However, the Moderator may grant the privilege of the floor to any non-resident Town Department Head without necessity of a vote.

F) The Moderator shall not entertain the question of the presence of a quorum at any point at which a motion to move the previous question has already been voted.

G) Speakers addressing the meeting shall be limited to five (5) minutes within which to present their remarks. The Moderator will not recognize anyone who has previously spoken on the Article until all persons wishing to address the meeting have had an opportunity to speak. The Moderator may exercise reasonable discretion in enforcement of this rule.

The foregoing rules are not intended to alter or change the traditional conduct of the Town Meetings in Chatham except as specifically stated above.

VOTE: Voice. So voted unanimously.

### Article 1 – Annual Town Election

To bring in their votes on one ballot to elect the following Town Officers:

One Selectman for one (1) year unexpired term

Two Selectmen for three (3) year terms

One Moderator for three (3) year term

One Monomoy Regional School Committee Member for three (3) year term

One Monomoy Regional School Committee Member for one (1) year unexpired term  
One Housing Authority Member for five (5) year term  
One Housing Authority Member for two (2) year unexpired term

### No Motion

### Article 2 – Accept Annual Reports

To hear the reports of various Town Officers and Committees and see what action the Town will take relative to the appointment of officers not chosen by ballot, or take any other action in relation thereto.

(Board of Selectmen)

**Motion:** Cory J. Metters, Chairman, Board of Selectmen, moved that the Town Moderator and Board of Selectmen be authorized to appoint the necessary Town officers whose appointments are not otherwise provided for and that the Town hear and accept the reports of various Town officers and committees as they appear in the Town Report.

*Explanation:* The purpose of this Article is to enable a Town officer or committee member to address the Town Meeting. The Town’s Annual Report is available on the Town’s website [www.chatham-ma.gov/town-manager/pages/annual-town-reports](http://www.chatham-ma.gov/town-manager/pages/annual-town-reports), and at the Office of the Board of Selectmen/Town Manager.

VOTE: Voice. So voted unanimously.

In an effort to streamline Town Meeting action, Moderator Litchfield introduced the concept of a Consent Calendar to the audience, which consists of Articles from the Warrant that he has determined to be generally routine, non-controversial, and are reasonably expected to pass unanimously. This group of Articles will be proposed to be voted as one block.

The Moderator explained that he will read each Article included in the Consent Calendar; if any one voter objects to its inclusion and desires the Article to be debated and voted on separately he/she should indicate such by calling out “hold” or “remove.” The article will then be removed and acted on in the usual manner when it is reached in numerical order. When all Articles have been read, the Moderator will seek a unanimous vote on those Articles remaining on the Consent Calendar. By that vote, all Articles will be considered passed.

The Articles proposed for inclusion in the Consent Calendar were:

# Town of Chatham – Annual Town Meeting – Monday, May 14, 2018

Article 6 - Consolidated Revolving Funds  
Article 10 - Cape Cod Reg. Technical High School Operating Budget/Assessment  
Article 19 - General Bylaw Amendment/ New-Tax Title Payment Agreement Bylaw  
Article 30 - Easement to Eversource –375 Morton Road (Water Treatment Plant)  
Article 31 - Community Preservation Committee Administrative Budget  
Article 32 - Community Preservation Reserve Fund Appropriation  
Article 33 - Community Preservation Act; Affordable Housing Consultant  
Article 34 - Community Preservation Act; Affordable Housing Trust Fund  
Article 35 - Community Preservation Act; Affordable Housing Production Plan  
Article 37 - Community Preservation Act; Cape Housing Institute  
Article 38 - Community Preservation Act; Town Historic Documents  
Article 39 - Community Preservation Act; Nickerson Archeological Dig  
Article 41 - Community Preservation Act; Marconi Tower/Antenna Field Assessment and Building Structure Protection  
Article 42 - Community Preservation Act; Pioneer Memorial  
Article 48 - Pleasant Bay Watershed Permit pilot Project; Inter-Municipal Agreement  
Article 49 - Pleasant Bay Alliance 2018 Resource Management Plan; Memorandum of Agreement

**Motion on Consent Calendar:** Selectman Cory Metters moved that the report of the Finance Committee on the Articles just read as the proposed Consent Calendar be accepted, and that by unanimous consent, the Town vote to approve each of the said Articles, and raise and appropriate or transfer, as the case may be, such sums of money as set forth in the Warrant for each Article, and that as to Articles 30, 48, and 49, the Selectmen be authorized to carry out the respective provisions thereof.

**VOTE:** Voice. After hearing one no from the audience, the Moderator asked for a standing count of the voters. After all voters remained seated, the Moderator declared “So voted unanimously.”

## ARTICLE 3 - Prior Year Bill(s) Payment Appropriation

To see if the Town will vote to raise and appropriate, and/or transfer from available funds, a sum or sums of money, to be

expended for payment of prior year bills, or take any other action in relation thereto.  
(Board of Selectmen)

**Motion:** Dean P. Nicastro, Board of Selectmen, moved that the Town vote to appropriate and transfer from Free Cash, the sum of \$38,272.14 for payment of the following invoices:

### Article 3

Dept	Date	Vendor	Description	Amount
Finance	9/30/2015	WB Mason	Office Supplies	\$ 620.07
Police	5/5/2015	WB Mason	Toner	\$ 304.00
IT	4/13/2017	Barnstable County IT Dept	Email Host & Unified Communication Project	\$ 1,859.00
DPW	6/30/2017	Covanta/SEMASS		\$ 34,395.15
HR	7/30/2017	Cape Cod Media Group	Employment Advertising	\$ 1,093.92
			<b>TOTAL</b>	<b>\$ 38,272.14</b>

**Explanation:** These invoices were received after the close of the fiscal year, or there were no funds remaining from which to pay the invoice. The invoice dated 7/30/17 was for services incurred in June 2017, the previous fiscal year. The invoices are an obligation of the Town as the goods and services have been received. Per Mass General Law, Town Meeting must approve payment in this fiscal year for any prior year(s) bill.

**Board of Selectmen Recommendation:**  
Approve 4-0-0  
**Finance Committee Recommendation:**  
Approve 6-0-0

**Vote Required:** Four-Fifths Majority

**VOTE:** Voice. So voted unanimously.

## Article 4 – FY2018 Budget Adjustments - (PLACEHOLDER)

To see if the Town will vote to raise and appropriate and/or transfer from available funds, such sums of money as it determines necessary to balance the following line items noted below within the fiscal year (FY2018) Budget approved under Article 7 of the May 8, 2017 Annual Town Meeting for the period beginning July 1, 2017 and ending June 30, 2018 inclusive, or take any other action in relation thereto.

(Board of Selectmen)

**Explanation:** This is a placeholder article in case there are any identified current fiscal year-end balance transfers required.

**Board of Selectmen Recommendation:**  
Recommendation from Town Meeting Floor  
**Finance Committee Recommendation:**  
Recommendation from Town Meeting Floor

**NO MOTION**

## Article 5 – Fix Salaries – Elected Officials

To fix salaries of elected Town officers for the fiscal year beginning July 1, 2018, or take any other action in relation thereto.

Officer	FY2018 Voted	FY2019 Request
Moderator	\$600	\$600
Selectmen – Each	2,000	2,000
Chairman – Extra	500	500

(Board of Selectmen)

**Motion:** Shareen Davis, Board of Selectmen, moved that the Town vote to fix the salaries of the elected Town officers in accordance with the positions and amounts in this Article.

**Explanation:** In accordance with Massachusetts General Law, Chapter 41, Section 108, salaries and compensation of elected officers must be fixed annually by vote of the Town at an Annual Town Meeting. This Article fixes (sets), but does not appropriate these salaries. Actual appropriation of funds for these salaries occurs under Article 8 – Town Operating Budget. No increase to the prior year is being sought.

**Board of Selectmen Recommendation:**  
Approve 4-0-0  
**Finance Committee Recommendation:**  
Approve 7-0-0

**VOTE:** Voice. So voted unanimously.

## Article 6 – Consolidated Revolving Funds

To see if the Town will vote to establish the following spending limits for the fiscal year commencing on July 1, 2018 with respect to the Revolving Funds established by Chapter 37, Article I of the General Bylaws, or take any other action in relation thereto:

### A) Airport Revolving Fund

No more than \$40,000 shall be expended from this fund during fiscal year 2019.

### B) Bassett House Revolving Fund

No more than \$8,000 shall be expended from this fund during fiscal year 2019.

# Town of Chatham – Annual Town Meeting – Monday, May 14, 2018

## Article 6

### Airport Revolving Fund

	<u>Balance</u>	<u>Receipts</u>	<u>Expenditures</u>	<u>Balance</u>
FY2017	\$44,940.18	\$48,252.91	\$33,877.79	\$59,315.30
FY2018	\$59,315.30	\$12,266.68	\$33,986.70	\$37,595.28
(Thru 12/31/2017)				

### Bassett House Revolving Fund

	<u>Balance</u>	<u>Receipts</u>	<u>Expenditures</u>	<u>Balance</u>
FY2017	\$25,998.26	\$3,250.00	\$ 0.00	\$29,248.26
FY2018	\$29,248.26	\$1,250.00	\$ 0.00	\$30,498.28
(Thru 12/31/2017)				

### Inspectional Services Revolving Fund

	<u>Balance</u>	<u>Receipts</u>	<u>Expenditures</u>	<u>Balance</u>
FY2017	\$137,163.64	\$63,190.71	\$68,815.22	\$130,539.13
FY2018	\$130,539.13	\$26,225.23	\$31,265.00	\$125,499.36
(Thru 12/31/2017)				

### Recycling Revolving Fund

	<u>Balance</u>	<u>Receipts</u>	<u>Expenditures</u>	<u>Balance</u>
FY2017	\$( 71.42)	\$815.06	\$ 967.65	\$( 224.01)
FY2018	\$(224.01)	\$153.41	\$ 1,215.10	\$(1,285.70)
(Thru 12/31/2017)				

### Marconi Station Revolving Fund

	<u>Balance</u>	<u>Receipts</u>	<u>Expenditures</u>	<u>Balance</u>
FY2017	\$4,750.00	\$5,500.00	\$3,219.26	\$ 7,030.74
FY2018	\$7,030.74	\$3,000.00		\$10,030.74
(Thru 12/31/2017)				

### Waterways User Fee Revolving Fund

	<u>Balance</u>	<u>Receipts</u>	<u>Expenditures</u>	<u>Balance</u>
FY2017	\$0.00	\$163,978.00		\$163,978.00
FY2018	\$163,978.00	\$49,150.00		\$213,128.00
(Thru 12/31/2017)				

#### **C) Inspectional Services Revolving Fund**

No more than \$70,000 shall be expended from this fund during fiscal year 2019.

#### **D) Recycling Revolving Fund**

No more than \$5,000 shall be expended from this fund during fiscal year 2019.

#### **E) Marconi Station Revolving Fund**

No more than \$5,000 shall be expended from this fund during fiscal year 2019.

#### **G) Waterways User Fee Revolving Fund**

No more than \$150,000 shall be expended from this fund during fiscal year 2019.

(Board of Selectmen)

**Motion:** So moved that the Town authorize and approve the Airport Revolving Fund, Bassett House Revolving Fund, Inspectional Services Revolving Fund, Recycling Revolving Fund, Marconi Station Revolving Fund, and Waterways User Fee Revolving Fund for the purposes and in the amounts listed in Article 6 of the Warrant.

*Explanation: The purpose of these revolving funds is to segregate revenues generated by each of these operations and to restrict use of those revenues to the purpose for which they are collected. As required by State statute, the following is an accounting of these funds for the prior fiscal year through December 31, 2017:*

**Board of Selectmen Recommendation:**  
**Approve 4-0-0**

**Finance Committee Recommendation:**  
**Approve 7-0-0**

**VOTE:** Voice. So voted unanimously  
(Consent Calendar)

## **Article 7 – Wood Waste Reclamation Facility Enterprise Fund**

To see if the Town will vote to raise and appropriate and/or transfer from available funds, a sum of money to operate the Wood Waste Reclamation Facility Enterprise Fund, or take any other action in relation thereto.

**Motion:** Dean P. Nicastro, Board of Selectmen, moved that the Town vote to appropriate \$25,000 to operate the Wood Waste Reclamation Facility Enterprise Fund and to meet said appropriation the Town raise \$25,000 through lease revenue or other funds available for appropriation.

*Explanation:* Town Meeting voted to adopt Chapter 44 Section 53F ½ of the Massachusetts General Laws establishing an Enterprise Fund. An enterprise fund establishes a separate accounting and financial reporting system to support a specific business activity, in this case the Wood Waste Reclamation Facility.

One of the requirements of an enterprise fund is that a budget has to be adopted at Town Meeting every year. The Wood Waste Facility is leased out with annual revenue at approximately \$25,000 per year. The revenue will be used to support groundwater monitoring and other costs associated with operation of the facility.

**Board of Selectmen Recommendation:**

**Approve 4-0-0**

**Finance Committee Recommendation:**

**Approve 7-0-0**

**VOTE:** Voice. So voted unanimously.

## **Article 8 – Town Operating Budget**

To see if the Town will vote to raise and appropriate and/or transfer from available funds, such sums of money as it determines necessary for Town expenses and charges, including without limitation of the foregoing, debt and interest, wages, salaries, and expenses for operation of the Town's departments and offices, all for the fiscal year beginning July 1, 2018 and ending June 30, 2019 inclusive, or take any other action in relation thereto.

(Board of Selectmen)

**Motion:** Cory J. Metters, Chairman, Board of Selectmen, moved that the Town vote to appropriate the sum of \$30,520,768 to fund the Operating Budget for the Town for the fiscal year beginning July 1, 2018 for the purposes and amounts designated in the column titled "Proposed Budget FY2019" of Article 8 of the Warrant and to meet said appropriation, the Town raise \$29,457,628 through taxation; and transfer \$220,000 from the Waterways Improvement Fund, \$760,140 from the Land Bank Fund, \$20,000 from the Wetlands Protection Fund, \$50,000 from the PEG Cable Access Fund, \$10,000 from Cemetery Sale of Lots Fund, and \$3,000 from the Railroad Museum Fund.

# Town of Chatham – Annual Town Meeting – Monday, May 14, 2018

## Article 8 - FY2019 Town Operating Budget Overview

Description	FY2017 Actual	FY2018 Voted	Proposed Budget FY2019
<b>Operating Budgets (Expenses)</b>			
General Government	\$2,105,715	\$2,038,376	\$2,312,030
Public Safety	\$6,061,226	\$6,176,644	\$6,393,535
Community Development	\$722,169	\$779,109	\$853,175
Natural Resources	\$1,369,640	\$1,438,811	\$1,645,632
Public Works & Facilities	\$4,997,325	\$4,994,786	\$5,130,110
Community & Social Services	\$1,143,010	\$1,221,031	\$1,298,412
Employee Benefits	\$4,401,772	\$5,192,105	\$5,215,048
Undistributed Ins. & FinCom Reserve Fund	\$564,104	\$676,125	\$633,970
Debt Service	\$7,801,268	\$7,492,785	\$7,038,856
<b>Operating Budget Total</b>	<b>\$29,166,229</b>	<b>\$30,009,772</b>	<b>\$30,520,768</b>

**Explanation:** A full explanation of this funding request and its fiscal context is provided in Appendix B: Town Manager's Budget Summary. The Regional Schools' Operating Budgets are not included in this Article and are presented in Articles 9 and 10.

The FY2019 Operating Budget, without the education assessments, totals \$30,520,768 for an increase of \$267,255 or 0.88% over the FY2018 Operating Budget.

At this time, the projected tax rate is \$5.04 – a 3.51% increase over FY2018 considering all warrant articles, but not including Town valuation.

Please visit the Town's website, Budget Central for the Town Manager's FY2019 Budget message and links to the Budget Book: <https://www.chatham-ma.gov/budget-central/pages/fy2019-budget-updates> Town and Regional Schools' budget details and financial documents past and present can also be found there.

**Board of Selectmen Recommendation:**  
**Approve 4-0-0**

**Finance Committee Recommendation:**  
**Approve 6-0-0**

**VOTE: Voice. So Voted by a nearly unanimous majority, declared the Moderator.**

### Article 9 – Regional School Operating Budget - Monomoy Regional School District

To see if the Town will vote to raise and appropriate the sum of \$9,210,686 for Chatham's share of the Regional Educational and School expenses and charges, including without limitation of the foregoing, debt and interest, wages, salaries, and expenses for operation of the Monomoy Regional School District for the fiscal year beginning July 1, 2018 and ending June 30, 2019 inclusive, or take any other action in relation thereto.

(Board of Selectmen)

**Motion: Shareen Davis, Board of Selectmen, moved that the Town vote to appropriate the sum of \$9,210,686 to fund the Operating Budget for the Monomoy Regional School District for the fiscal year beginning July 1, 2018 for the purposes and amounts designated in the column titled "Proposed Budget FY2019" of Article 9 of the Warrant and to meet said appropriation, the Town raise \$9,210,686 through the tax rate.**

**Explanation:** This article requests funding for Chatham's obligation to the Monomoy Regional School District as a separate "assessment" within the Town's budget. Compared to FY2018, the FY2019 budget reflects an increase of \$269,549. This article funds the Chatham portion of the Monomoy Regional School District as voted by the Monomoy Regional School Committee on March 7, 2018. Please refer to Appendix D for more detail.

**Board of Selectmen Recommendation:**  
**Approve 4-0-0**

**Finance Committee Recommendation:**  
**Approve 7-0-0**

**VOTE: Voice. So voted unanimously.**

### Article 10 – Regional School Operating Budget - Cape Cod Regional Technical High School

To see if the Town will vote to raise and appropriate the sum of \$144,333 for Chatham's share of the Regional Educational and School expenses and charges, including without limitation of the foregoing, debt and interest,

wages, salaries, and expenses for operation of the Cape Cod Regional Technical High School for the fiscal year beginning July 1, 2018 and ending June 30, 2019 inclusive, or take any other action in relation thereto.

(Board of Selectmen)

**Motion: So moved that the Town vote to appropriate the sum of \$144,333 to fund the Operating Budget for the Cape Cod Regional Technical High School for the fiscal year beginning July 1, 2018 for the purposes and amounts designated in the column titled "Proposed Budget FY2019" of Article 10 of the Warrant and to meet said appropriation, the Town raise \$144,333 through the tax rate.**

**Explanation:** This article requests funding for Chatham's obligation to the Cape Cod Regional Technical High School as a separate "assessment" within the Town's budget. Compared to FY2018, the FY2019 budget reflects a decrease of \$49,737 for Cape Tech as voted by the CCRTHS School Committee. The budget covers costs for seven (7) Chatham students.

**Board of Selectmen Recommendation:**  
**Approve 4-0-0**

**Finance Committee Recommendation:**  
**Approve 7-0-0**

**VOTE: Voice. So voted unanimously (Consent Calendar)**

### Article 11 – Water Department Operating Budget

To see if the Town will vote to raise and appropriate and/or transfer from available funds, such sums of money as it determines necessary for expenses and charges, including without limitation of the foregoing, debt and interest, wages, salaries, and expenses for operation of the Town Water Department for the fiscal year beginning July 1, 2018 and ending June 30, 2019 inclusive, or take any other action in relation thereto.

(Board of Selectmen)

**Motion: Cory J. Metters, Chairman, Board of Selectmen, moved that the Town vote to appropriate \$2,510,188 for direct costs, and further that an additional \$259,004 be transferred to the General Fund to be applied to overhead and indirect costs associated with the Water**

## Article 9 - FY2019 MRSD Operating Budget Overview

EDUCATION				PROPOSED BUDGET FY2019
DESCRIPTION	FY2017 VOTED	FY2018 VOTED	FY2019 REQUEST	
<b>Operating Budgets (Expenses)</b>				
Monomoy Regional School District	\$8,660,455	\$8,941,137	9,210,686	9,210,686

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## Article 10 - FY2019 MRSD Operating Budget Overview

EDUCATION				PROPOSED BUDGET FY2019
DESCRIPTION	FY2017 VOTED	FY2018 VOTED	FY2019 REQUEST	
Operating Budgets (Expenses)				
Cape Cod Regional Technical H.S.	\$210,206	\$194,070	\$144,333	\$144,333

**Department Operating Budget of the Town for the fiscal year beginning July 1, 2018, for the purposes and in the amounts designated in the column titles “Proposed Water Budget FY2019” of Article 11 of the Warrant and to meet said appropriation, the Town raise \$2,369,192 through water receipts and raise \$400,000 through the tax rate for a total of \$2,769,192.**

*Explanation: The FY2019 Water Department budget is directed towards continuing to improve the quality of water provided, customer relations, and providing a high level of reliability to the water supply and distribution*

a sum or sums of money, to be expended for capital projects, equipment, and expenses, or take any other action in relation thereto.  
(Board of Selectmen)

**Motion: Dean P. Nicastro, Board of Selectmen, moved that the Town vote to appropriate \$2,038,195 for the purpose of funding the FY2019 Capital Budget in the column titled “FY2019 Proposed” of Article 12 of the Warrant and to meet said appropriation, the Town transfer \$1,899,142 from Free Cash, \$55,000 from Waterways Improvement Fund, \$50,000 from the PEG Cable Access Fund, \$1,000 from the Cem-**

**etry Perpetual Care Fund, \$2,939.64 from ATM1996 Article 8, \$9,283 from ATM2000 Article 4, \$3,225 from ATM2003 Article 7, \$16,100.67 from ATM2004 Article 6, \$466.30 from ATM2005 Article 5, and \$1,038.39 from ATM2008 Article 9.**

*Explanation: Items in the Capital Improvement budget fall into the categories of maintenance projects (not ongoing maintenance), equipment, and new projects within the range of \$5,000-\$250,000. The Capital Plan presented represents 6.68% of the Operating Budget. For FY2019, Department identified capital requests totaled \$10,812,740 while funding recommendations are provided for priority items. To accomplish such, we recommend a capital spending plan that uses a combination of available funds and free cash to provide adequate funding. There is no reliance on the tax levy for the FY2019 Capital Budget. Please refer to Appendix G for details specific to FY2019 appropriations and the five-year plan as a whole.*

**Board of Selectmen Recommendation:  
Approve 4-0-0**

**Finance Committee Recommendation:  
Approve 7-0-0**

**VOTE: Voice. So voted unanimously.**

## Article 13 – Collective Bargaining Agreement Settlements

To see if the Town will vote to raise and appropriate or transfer from available funds in the treasury a sum of money to fund compensation and/or other cost-items resulting from contract settlements, or take any other action in relation thereto.

(Board of Selectmen)

**Motion: Shareen Davis, Board of Selectmen, moved that the sum of \$37,000.00 be raised and appropriated to fund salary increases and other cost-items resulting from contract settlements by and between the Town of Chatham and 1) the Chatham Permanent Firefighters, IAFF Local 2712, in**

## Article 11 - FY2018 Water Operating Budget Overview

WATER FUND				Water Budget
Description	FY2017 Voted	FY2018 Voted	FY2019 Request	FY2019 Proposed
<b>Water Costs</b>				
Operating				
Salaries	\$188,775	\$172,588	\$199,049	\$199,049
Expenses	\$1,309,320	\$1,666,190	\$1,327,190	\$1,327,190
<b>Sub-total Operating</b>	<b>\$1,498,095</b>	<b>\$1,838,778</b>	<b>\$1,526,239</b>	<b>\$1,526,239</b>
<b>Debt</b>				
Principal	\$719,178	\$592,000	\$579,500	\$579,500
Interest – Long-term	\$214,631	\$184,574	\$154,449	\$154,449
Interest – Short-term	\$25,000	\$100,000	\$250,000	\$250,000
<b>Subtotal Debt</b>	<b>\$958,809</b>	<b>\$876,574</b>	<b>\$983,949</b>	<b>\$983,949</b>
<b>Total Water Direct Costs</b>	<b>\$2,456,904</b>	<b>\$2,715,352</b>	<b>\$2,510,188</b>	<b>\$2,510,188</b>
<b>Overhead – Indirect Costs</b>				
Overhead – Indirect Costs	\$244,941	\$251,065	\$259,004	\$259,004
Overhead – Rate Payback for Betterments	\$35,963	\$0	\$0	\$0
<b>Subtotal Overhead</b>	<b>\$280,904</b>	<b>\$251,065</b>	<b>\$259,004</b>	<b>\$259,004</b>
<b>Water Operating Budget</b>	<b>\$2,737,808</b>	<b>\$2,966,417</b>	<b>\$2,769,192</b>	<b>\$2,769,192</b>

*system to ensure the Town has safe drinking water and the required flows for firefighting.*

**Board of Selectmen Recommendation:  
Approve 4-0-0**

**Finance Committee Recommendation:  
Approve 7-0-0**

**VOTE: Voice. So voted unanimously.**

## Article 12 – Five Year Capital Authorization

To see if the Town will vote to raise and appropriate, and/or transfer from available funds,

## Article 12 - FY2019 Capital Budget Overview

Description	FY2018 Actual	FY2019 Request	FY2019 Proposed
<b>CAPITAL PROGRAM &amp; BUDGET SUMMARY</b>			
General Government	\$185,000	\$670,000	\$280,000
Public Safety	\$240,000	\$355,770	\$202,475
Community Development	\$0	\$12,500	\$0
Natural Resources	\$198,000	\$1,729,000	\$234,500
Public Works (without Water)	\$615,000	\$6,348,750	\$739,500
Equipment	\$788,000	\$1,696,720	\$581,720
<b>Total Town Funded Capital Budget</b>	<b>\$2,026,000</b>	<b>\$10,812,740</b>	<b>\$2,038,195</b>

## Town of Chatham – Annual Town Meeting – Monday, May 14, 2018

the amount of \$3,000, 2) the MA Coalition of Police, Local 294 - Chatham Sergeants and Patrol Officers Union, in the amount of \$13,000, and 3) the New England Police Benevolent Association, Local 115 - Civilian Police Dispatchers and Animal Control Officer, in the amount of \$21,000; to authorize the Town Accountant to allocate such sums to the appropriate operating budgets, and to meet this appropriation, the Town raise \$37,000.00 through taxation.

**Explanation:** Total funding requested is \$37,000.00 to be raised by taxation for the above Collective Bargaining (Union) Agreements expiring on June 30, 2018. On May 7, 2018, the Board of Selectmen voted to ratify (approve) four Agreements as presented by the Town Manager. One of the four, Chatham Manager's Association, was ratified but did not require an additional funding appropriation, so not included in the above motion. All successor Agreements have a three year duration expiring on June 30, 2021. Funding for the Agreements was not included in the FY2019 proposed operating budget under Article 8.

Collective Bargaining Agreements are posted on the Town's website <https://www.chatham-ma.gov/human-resources/pages/town-employee-contractsagreements> and available for public review in the Office of the Board of Selectmen/ Town Manager at 549 Main Street.

**Board of Selectmen Recommendation:**  
**Approve 4-0-0**

**Finance Committee Recommendation:**  
**Approve 9-0-0**

**VOTE:** Voice. So voted unanimously.

### Article 14 – Capital Project – COA Facility Feasibility Study – Conceptual Design and Cost Estimate

To see if the Town will vote to raise and appropriate the sum of \$100,000 for a Feasibility Study, Owners Project Manager (OPM) costs, and related tasks for completion of a conceptual design and cost estimate for a new

Council on Aging (COA) facility, the expenditure of said sum to be contingent upon the Board of Selectmen's determination of a site for a new COA facility, or take any other action in relation thereto.

(Board of Selectmen)

**Motion:** Cory J. Metters, Chairman, Board of Selectmen, moved that the Town appropriate the sum of \$100,000 to fund a Feasibility Study, Owners Project Manager (OPM) costs, and related tasks for the completion of a conceptual design and cost estimate for a new Council on Aging (COA) facility, and for all costs incidental and related thereto, the expenditure of said sum to be contingent upon the Board of Selectmen's determination of a site for a new COA facility, and to raise said \$100,000 through the tax rate.

**Explanation:** A Council on Aging (COA) Space Needs Analysis and Program Development Report was completed in November 2017; however, the final location, size, and cost of project still needs to be developed. This article requests funding for continuing development of the project concept in a manner responsive to the concerns expressed by the Board of Selectmen (BOS), COA, Finance Committee, public, and meeting identified needs. Expenditure under this article is contingent upon the BOS determining a final location for a new COA facility. After identification of a suitable site by the BOS the proposed approach is to hire an Owners Project Manager (OPM) to develop a concept plan for BOS approval. Hiring of an OPM is required by State Law for any construction project with a minimum cost of \$1.5M and the OPM must be hired before the final designer architect is selected. At this stage of the project the OPM will add expertise and professional capacity to advise and consult on previously raised concerns, investigate options expressed by providing oversight on concept development, and total project budget cost estimate. Once a final site is selected, and a concept plan developed with continued public input is approved by the BOS, a subse-

quent project funding request, for production of construction documents and building construction, will be presented at a subsequent Town Meeting for final project approval. The OPM will serve until the project is complete and function as the Town's technical expert representing Chatham's best interests in the pre-design process through final construction. Below left is the estimated not-to-exceed cost breakdown associated with this article:

**Board of Selectmen Recommendation:**  
**Approve 4-0-0**

**Finance Committee Recommendation:**  
**Approve 6-0-0**

**VOTE:** Voice. So Voted by a nearly unanimous vote, declared the Moderator.

### Article 15 – Capital Project – Eldredge Public Library Site Master Plan

To see if the Town will vote to raise and appropriate the sum of \$483,000 for construction design documents, landscape, site and building improvements/upgrades to the Eldredge Public Library located at 564 Main Street, or take any other action in relation thereto.

(Board of Selectmen)

**Motion:** Dean P. Nicastro, Board of Selectmen, moved that the Town appropriate the sum of \$483,000 to fund construction design documents, landscape, site and building improvements/upgrades to the Eldredge Public Library located at 564 Main Street, and for all costs incidental and related thereto, and to raise said \$483,000 through the tax rate.

**Explanation:** The Eldredge Public Library site has not been substantially improved since the 1991 addition. Since that last project over 25 years ago, both the site and building are in need of attention including upgrades to improve pedestrian/parking lot safety, restoration of the "Pioneer Memorial", handicap access enhancements to meet current requirements, landscaping, and building improvements to maintain the character of this National Register of Historic Places individually listed property in the downtown area. The proposed site enhancements will increase overall site safety for all pedestrians traversing the site and accessing the library from the parking lot, improve access to and preserve the Pioneer Monument, protect and upgrade building systems, and focus on revising plantings to complement aesthetics while reducing conflicts with identified existing plantings.

*Article 14 - Project Budget - Concept Plan/Cost Estimate  
for New Council on Aging (COA) Facility*

Tasks	Costs
<b>Site Feasibility Study</b>	
Architectural/ Engineering Services	\$15,000
<b>Conceptual Design &amp; Cost Estimate</b>	
Architectural Services	\$60,000
<b>Owner's Project Manager (OPM) (required for building projects &gt; \$1.5M)</b>	
Professional Services	\$25,000
<b>Project Budget Total</b>	<b>\$100,000</b>

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## Article 15 - Project Budget - Concept Plan/Cost Estimate for Library Site Master Plan

Tasks	Costs
<b>Site Plan Improvements</b>	
Design/Engineering/Construction Services	\$83,000
Site Work/Materials/Landscaping	\$316,000
General Requirements/Contingency	\$39,000
<b>Building Improvements/Upgrades</b>	
Electrical Panel Repairs	\$25,000
Equipment Area Protective Roof	\$20,000
<b>Project Budget Total</b>	<b>\$483,000</b>

**Board of Selectmen Recommendation:**  
Approve 4-0-0

**Finance Committee Recommendation:**  
Approve 6-0-0

**VOTE:** Voice. So voted unanimously.

## Article 16 - Capital Project – Nantucket Sound Beach Nourishment

To see if the Town will vote to raise and appropriate the sum of \$450,000 for the purpose of paying costs related to beach nourishment along Chatham's Nantucket Sound shoreline, with specific priority

given to shoreline in the vicinity of Cockle Cove Beach and Harding's Beach, including costs for engineering, permitting, and construction, including all costs incidental and related thereto; or to take any other action in relation thereto.

(Board of Selectmen)

**Motion:** Shareen Davis, Board of Selectmen, moved that the Town appropriate the sum of \$450,000 for the purpose of paying costs related to beach nourishment along Chatham's Nantucket Sound shoreline, with specific priority given to shoreline in the vicinity of Cockle Cove Beach and Harding's Beach, including costs for engineering, permitting, and construction, including all costs incidental and related thereto, and to raise said \$450,000 through the tax rate.

**Explanation:** Chatham's public beaches and shoreline along Nantucket Sound have been impacted by ongoing erosion resulting in diminished beach and dune width and volume. These problems were particularly noticeable at Cockle Cove Beach and Harding's Beach this past summer. Chatham has been successful at managing some erosion impacts through effective use of sand for beach nourishment as a by-product of navigation dredging projects. However, the sand volume provided by these projects is not sufficient to maintain the beaches for storm damage prevention or for use and enjoyment of residents and non-residents. Fortunately, Chatham has sand resources, currently permitted for dredging, that should be sufficient for a beach nourishment program along Nantucket Sound for the foreseeable future.

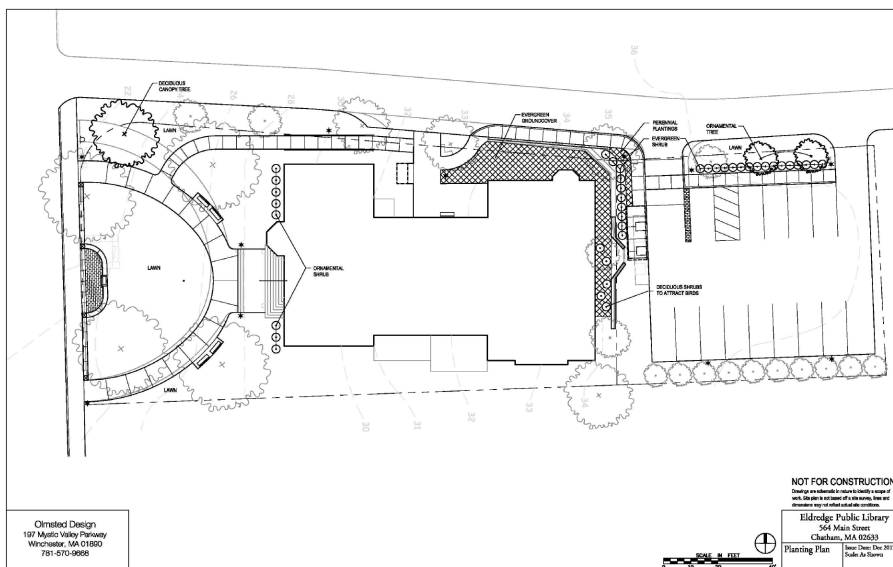
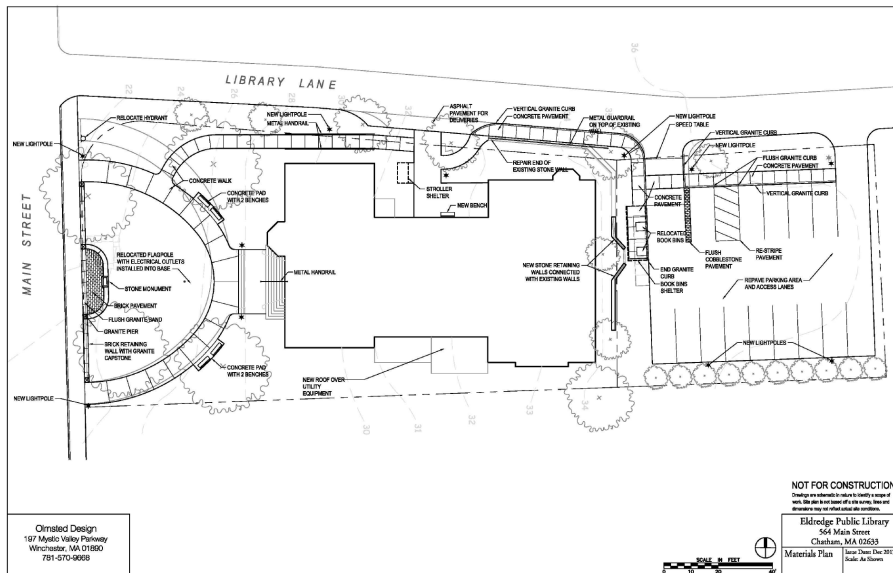
This article seeks funding for an initial phase of beach nourishment along the Nantucket Sound shoreline targeting Cockle Cove Beach and Harding's Beach. Additional funding will be sought in FY2020 to complete this initial nourishment of these two important public beaches. It is recognized that maintaining our beaches cannot be addressed by a single nourishment effort, but rather will require a commitment to an ongoing program of beach nourishment. It is estimated that re-nourishment will be required approximately every 5 to 7 years in order to offset continued loss due to erosion.

The Board of Selectmen, Park and Recreation Commission, South Coastal Harbor Plan Committee, and Summer Residents Advisory Committee have all endorsed this proposal.

**Board of Selectmen Recommendation:**  
Approve 4-0-0

**Finance Committee Recommendation:**  
Approve 7-0-0

## Conceptual Site Plans: Pedestrian Safety/Handicap Access Improvements and Plantings



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**VOTE:** Voice. So voted unanimously.

### Article 17 - Capital Project – Chatham Municipal Airport – Parallel Taxiway Reconstruction

To see if the Town will vote to raise and appropriate the sum of \$111,250 for the purpose of reconstruction of Parallel Taxiway “A”, or to take any other action in relation thereto.

(Board of Selectmen)

**Motion:** Jeffrey S. Dykens, Board of Selectmen, moved that the Town appropriate the sum of \$111,250 for the purpose of paying costs related to the reconstruction, including costs for marking, signage, and lighting, of Parallel Taxiway “A” at the Chatham Municipal Airport, including all costs incidental and related thereto, and to raise said \$111,250 through the tax rate.

**Explanation:** This article requests local share funding for a project at Chatham Municipal Airport (CQX) to reconstruct, mark, sign, and light Parallel Taxiway “A” and the Stub Taxiways that serve the Runway. The project is an “in-kind” replacement and is not an expansion of the existing runway. This safety improvement project was originally identified in the Airport Master Plan Update (2003), approved by the Chatham Airport Commission as part of its 2018-2022 Capital Improvement Plan (CIP), and has been subsequently programmed for funding on the FFY2019 Federal/State Airport Improvement Program (AIP). The surface condition of the existing supporting taxiways is deteriorating and has been identified by MassDOT/FAA to need reconstruction to maintain safe conditions on the airfield for aviation activities. Because this project is programmed on the AIP it is eligible for Federal and State funds, at 90% and 5% respective shares of the total project cost. The Town’s share being requested in this Article is for the remaining 5% local share leveraging Federal (\$2,002,500) and State (\$111,250) funding to offset the total project cost estimate of \$2,225,000.

**Board of Selectmen Recommendation:**  
Approve 4-0-0

**Finance Committee Recommendation:**  
Approve 6-0-0

**Motion to cut off debate:** Vote: Voice. Unable to determine, Moderator asked for a show of the cards: In my opinion, there is a 2/3rds vote, declared the Moderator.

**VOTE:** Voice. I believe clearly there is a majority vote, declared the moderator. With no request for a hand count, the Moderator declared the majority vote is carried, the Article is passed.

### Article 18 – General Bylaw Amendment/New – Balloons

~~Strikethrough~~ indicates language proposed for deletion

Underline indicates language proposed for inclusion

**Bold Italicized Words** are defined in the existing Bylaw

To see if the Town will vote to amend the General Bylaws of the Town as follows:

#### §208-26 Prohibition on Sale and Use of Balloons.

- A. The purpose of this Bylaw is to address public concerns regarding the environmental hazards to wildlife and marine life in the Town of Chatham posed by the release and improper disposal of balloons.
- B. Effective September 15, 2018 no person shall sell, or distribute to the public any type of balloon (including, but not limited to plastic, latex, rubber or Mylar balloons) inflated with any type of lighter-than-air gas (including, and not limited to, helium gas). For purposes of this Bylaw, a “lighter-than-air-gas” refers to a gas that is buoyant in air because it has an average density lower than that of air.
- C. No person shall throw, deposit, discard, or otherwise discharge inflated or uninflated balloons into any street, alley, waterway, park, beach, or other public place in the Town of Chatham.
- D. Further, no person shall knowingly release or cause to be released into the air any balloon(s) inflated with any lighter than air gas (including, and not limited to, helium gas).
  - a. Launching or operation of lighter-than-air aircraft, or the launching of balloons inflated with lighter than air gas by government agencies or scientific organizations is allowed.
- E. Violations of this Bylaw shall be subject to noncriminal disposition pursuant to the provisions of Chapter 1, § 1-7 of these Bylaws.
- F. Any Police Officer of the Town of Chatham shall be an enforcing authority for purposes of this Bylaw.
- G. the general penalties set forth under Chapter 1, § 1-7 of these Bylaws, the specific penalties for violations of this Bylaw shall be as follows:
  1. First offense: written warning.
  2. Second offense: \$25.
  3. Third offense: \$100.

Or take any other action relative thereto.

(Board of Selectmen)

**Motion:** Shareen Davis, Board of Selectmen, moved that the Town vote to amend its General Bylaw as printed in the Warrant for Article 18.

**Explanation:** The release of balloons filled with lighter-than-air gas (i.e. helium), either intentionally or accidentally, is increasingly recognized as harmful to the environment on multiple levels. When balloons are let go they are carried on the wind until they deflate or burst falling to earth as plastic/string debris. Balloon debris is found during beach clean-ups in increasing amounts throughout the world. Mylar balloons have also been implicated in power outages when they become entangled in power lines.

In addition to the “trash” aspect, deflated balloons and their strings are a significant threat to wildlife. In the ocean environment in particular deflated balloons are mistaken as food by many marine creatures, due to a resemblance to a common food jellyfish. However, once ingested, a balloon can block the digestive tract causing death by starvation, a common occurrence in sea turtles. Even if the digestive tract is not blocked the balloon has no nutritional value so death may occur through malnutrition. There are also multiple examples of sea and terrestrial birds becoming tangled in the string or ribbon from released balloons resulting in death, either through starvation or entanglement.

This bylaw would not prevent the release of weather balloons or launching of lighter-than-air aircraft such as blimps, dirigibles, etc.

**Board of Selectmen Recommendation:**

Approve 4-0-0

**Finance Committee Recommendation:**

Approve 6-0-0

**VOTE:** Voice. In my opinion, the ayes have it, declared the Moderator.

**After a request for a count:**

**YES:** 236

**NO:** 160

Article 18 is adopted, declared the Moderator.

### Article 19 – General Bylaw Amendment/New – Tax Title Payment Agreement Bylaw (MGL Ch. 60, §62A)

~~Strikethrough~~ indicates language proposed for deletion

Underline indicates language proposed for inclusion

**Bold Italicized Words** are defined in the existing Bylaw

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## Chapter 247

To see if the Town will vote to amend the General Bylaws by adding a new Chapter 247 (Tax Title Payment Agreement Bylaw), as follows:

§ 247-1. In accordance with the provisions of MGL Ch. 60, §62A, payment agreements are hereby authorized between the Treasurer and persons entitled to redeem parcels in tax title, subject to the following terms and conditions.

(A) Each such agreement shall be for a term of five (5) years and shall waive fifty per cent (50%) of the interest that has accrued on the tax title account. No tax principal or collection costs/fees may be waived pursuant to the terms of any such agreement.

(B) Payment of twenty five per cent (25%) of the total tax title account balance as of the date of the agreement must be received by the Treasurer upon final approval/ execution of the agreement.

(C) Such agreements and waivers shall be available for and uniformly applied to parcels of real property with an assessed valuation, as of the January 1st preceding the date of the agreement, equal to or less than one hundred fifty per cent (150%) of the mean assessed value of residential properties in the Town.

(D) During the term of the agreement the Treasurer may not bring an action to foreclose the subject tax title unless payments are not made in accordance with the schedule set out in the agreement or timely payments are not made on other municipal taxes, assessments, or charges due to the Town that constitute a lien on the subject tax title parcel. In the event of any default in payment obligations stipulated in said agreement, the Treasurer may pursue any or all remedies prescribed by MGL Ch. 60 for the collection of unpaid taxes, including, but not limited to, tax title foreclosure.

(E) The failure of the property owner to comply with any of the conditions or requirements imposed under this Bylaw or to make payments in accordance with the terms of any agreement executed pursuant hereto shall be cause to rescind the waiver of interest and to reinstitute the interest that was waived. In the event of such non-compliance, the tax account for the property shall be recalculated to reflect the amount of taxes and statutory interest that would have been then due and payable but for the initial waiver of interest.

(F) Nothing in this Bylaw shall preempt or preclude the authority of the Treasurer to accept partial payments or to negotiate and enter into payment agreements authorized

by the provisions of General Law Chapter 60, Sections 22 and 22A or any other statutory authority.

(Board of Selectmen)

**Motion: So moved that the Town vote to amend its General Bylaw as printed in the Warrant for Article 19.**

*Explanation: This Article is presented again to incorporate comments received from the MA Attorney General following Town Meeting's original approval of the Article on January 23, 2017. Approval of this bylaw would allow property owners who are in tax title to have 50% of the outstanding tax title interest waived upon entering into a payment plan with the Treasurer. The taxpayer would be required to pay 25% of the outstanding balance (after reduction of the interest) in order to enter into a payment agreement for five (5) years. If any of the conditions of the payment plan are not met, then the original interest amount is reinstated.*

*Tax title is acquired by the Town when it takes a parcel of real property pursuant to statutory procedure to secure payment of outstanding taxes. Tax titles can be redeemed by property owners by payment of outstanding taxes, interest, and charges due prior to the Town's foreclosure of the right to redeem by Land Court decree. By State Law, properties in tax title accrue interest at 16%, and any payments made are applied first to the interest, then to the outstanding taxes. This Bylaw would provide interest relief to Chatham residents with properties in tax title, afford them a period of five years to pay off outstanding obligations, and allow them to continue to reside in Chatham.*

*The outstanding Town-wide tax title total interest amount as of March 7, 2018 is \$404,998.30 for the 43 properties in tax title; seven (7) of which are owners unknown, seven (7) which appear to be commercial properties, and four (4) in current payment plans with the Treasurer. Approximately \$202,500 in interest owed may be eligible for the waiver.*

**Board of Selectmen Recommendation:  
Approve 3-0-0**

**Finance Committee Recommendation:  
Approve 7-0-0**

**VOTE: Voice. So voted unanimously.  
(Consent Calendar)**

## Article 20 – General Bylaw – Marijuana Establishments

~~Strikethrough~~ indicates language proposed for deletion

Underline indicates language proposed for inclusion

***Bold Italicized Words*** are defined in the existing Bylaw

To see if the Town will vote to adopt the following Bylaw to prohibit the operation of recreational marijuana establishments and marijuana retailers within the Town, or take any other action relating thereto:

An amendment to the General Bylaws, adding as Chapter \_\_\_\_, Section \_\_\_\_, the following:

Chapter: “Marijuana Establishments”

### § \_\_\_\_ -1 Purpose

By vote approving Ballot Question 4 at the Massachusetts General Election on November 8, 2016, the voters of the Commonwealth approved a law allowing the non-medical cultivation, distribution, possession and use of marijuana for recreational purposes (Chapter 334 of the Acts of 2016). The law was subsequently amended by the General Court and the Governor effective December 15, 2016 (Chapter 334 of the Acts of 2016) and, thereafter, on July 28, 2017 (Chapter 55 of the Acts of 2017). The law, as amended, is codified at G.L. c. 94G. Municipalities are authorized by Section 3 therein to adopt bylaws for the purpose of regulating said activities. This Bylaw prohibits the operation of all types of marijuana establishments within the Town of Chatham.

### § \_\_\_\_ -2 Definitions

The terms of this Bylaw shall be construed and implemented in accordance with the definitions set forth in G.L. c. 94G, §1.

### § \_\_\_\_ -3 Prohibition of Marijuana Establishments

In accordance with the provisions of G.L. c. 94G, §3(a)(2)(i), all types of Marijuana establishments, including marijuana cultivators, independent testing laboratories, marijuana product manufacturers, marijuana retailers, or any other type of licensed marijuana-related businesses are prohibited within the Town of Chatham.

(Board of Selectmen)

**Motion: Dean P. Nicastro, Board of Selectmen, moved that the Town vote to amend its General Bylaw as printed in the Warrant for Article 20.**

*Explanation: On November 8, 2016, the voters of the Commonwealth approved a law allowing the non-medical cultivation, distribution, possession, and use of marijuana for recreational purposes. This law, as subsequently amended by the Massachusetts*

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legislature, allows Towns that did not vote in favor of the law to regulate such activities within their Town through the adoption of bylaws. Town of Chatham voters did not support this measure with 56.2% voting against allowing such activities.

*The Purpose of this Article is to enact a General Bylaw to ban all Recreational Marijuana Establishments as defined below within the Town of Chatham.*

*“Marijuana establishment”, is defined to include all types of Marijuana establishments, including a marijuana cultivator; independent testing laboratory; marijuana product manufacturer; marijuana retailer; or any other type of licensed marijuana-related business.*

**Board of Selectmen Recommendation:**  
**Approve 4-1-0**

**Finance Committee Recommendation:**  
**Approve 7-1-0**

**VOTE: Voice. In my opinion, the ayes have it; Article 20 is adopted, declared the Moderator.**

### **Article 21 – Other Post-Employment Benefits Liability Trust Fund Appropriation**

To see if the Town will vote to transfer from overlay surplus the sum of \$150,000 for the purpose of funding the Other Post-Employment Benefits (OPEB) Liability Trust Fund, or take any other action in relation thereto.

(Board of Selectmen)

**Motion: Jeffrey S. Dykens, Board of Selectmen, moved that the Town vote to transfer the sum of \$150,000 from overlay surplus for the purpose of funding the Other Post-Employment Benefits Liability Trust Fund.**

***Explanation:** The Town established the OPEB Liability Trust Fund in 2012 in compliance with General Accounting Standards Board (“GASB”) Statements 74 and 75 (replaces GASB 43 and 45) and MGL Chapter 32B, §20. Such is the mechanism to fund future financial obligations for health insurance benefits, other than pensions, for eligible retired employees of the Town. The Town’s overall unfunded liability as of June 2016 is \$16,826,522 and the balance in the OPEB Trust Fund is \$818,774 as of December 31, 2017. The proposed funding source, Overlay Surplus, is a fund balance remaining after the payment of property tax abatements, and has been used in the past several years for transfer to the OPEB Liability Trust Fund. Such action is viewed positively by Bond Rating Agencies.*

**Board of Selectmen Recommendation:**  
**Approve 4-0-0**

**Finance Committee Recommendation:**  
**Approve 7-0-0**

**VOTE: Voice. So voted by a nearly unanimous majority, declared the Moderator.**

### **Article 22 - Home Rule Petition To Authorize A Post-Cape Cod Land Bank Excise Tax To Fund Other Post-Employment Benefits Liability Trust Fund**

To see if the Town will vote to authorize the Board of Selectmen to petition the General Court for Special Legislation, as set forth below, authorizing the Town to impose an excise tax on real property located in Chatham in an amount equal to 1.5% of the real estate tax levy against said property effective upon expiration of the current 3% Land Bank excise tax; said additional excise tax to be deposited into the Town’s Other Post-Employment Benefits Liability Trust Fund established under section 20 of chapter 32B of the Massachusetts General Laws to be invested and expended solely for the purposes set forth in said section 20; provided that the General Court may make clerical or editorial changes of form only to the Act, unless the Board of Selectmen approves amendments to the Act before enactment by the General Court, and, further, to authorize the Board of Selectmen to approve amendments to the Act which shall be within the scope of the general objectives of the petition:

#### **An Act Relative to Excise Tax Revenue For The Chatham Other Post-Employment Benefits Liability Trust Fund**

**Section 1:** Notwithstanding the provisions of chapter 59 of the Massachusetts General Laws or any other special or general law to the contrary, upon expiration of the Cape Cod Open Space Land Acquisition Program (Cape Cod Land Bank) on January 1, 2020, the Town of Chatham is hereby authorized to impose an additional excise tax on real property located in Chatham in an amount equal to 1.5 per cent of the real estate tax levy against said property. Said additional excise shall initiate with the next fiscal year for real estate tax bills following the vote of the Town to approve the additional excise authorized hereby. The amount of said additional excise shall not be included in any calculation of total taxes assessed for purposes of Section 21C of chapter 59 of the General laws and all exemptions and abatements of real property tax authorized by said chapter 59 or any other law for which a taxpayer qualifies and is

eligible shall not be affected by this act.

**Section 2:** The provisions of section 35 of chapter 60 of the Massachusetts General Laws relative to collection actions against delinquent taxpayers shall apply to the excise tax authorized hereby.

**Section 3:** Notwithstanding the provisions of section 53 of chapter 44 of the Massachusetts General Laws or any other special or general law to the contrary, the additional excise tax revenue authorized by this Act shall be deposited into to the Town’s Other Post-Employment Benefits Liability Trust Fund established under section 20 of Chapter 32B of the Massachusetts General Laws and may be invested and/or expended solely for the purposes set forth in said section 20.

**Section 4:** The excise taxing authority established by this Act shall expire at the conclusion of the tenth fiscal year subsequent to the initiation of said tax. In the event that the Town’s Other Post-Employment Benefits Liability Trust Fund is not projected to become self-sustaining by said date, the Town, by vote of its Town Meeting, may extend the term of said taxing authority for such additional term as it may deem appropriate. The Town, by vote of Town Meeting may also terminate the taxing authority established hereby prior to the conclusion of said tenth fiscal year upon request of its Board of Selectmen

**Section 5:** This Act shall take effect upon passage.

Or take any action in relation thereto.

(Board of Selectmen)

**Motion: Cory J. Metters, Chairman, Board of Selectmen, moved that the Town vote to authorize the Board of Selectmen to petition the General Court to adopt special legislation as printed in Article 22 of the Warrant.**

***Explanation:** The Land Bank surcharge expires in January 2020. Currently there is a 3% surcharge on tax bills which in FY2018 equals \$981,895 in projected revenue. This Article is requesting to replace the current 3% land bank surcharge with a 1.5% surcharge as a dedicated funding source for the OPEB Trust Fund. The percentage of 1.5% was selected so as to provide some relief to taxpayers upon expiration of the Land Bank surcharge, yet begin to address our unfunded liability. The potential revenue for ten years, beginning in FY2021, with a 1.5% surcharge is estimated at \$5.8m. This surcharge would end upon*

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sufficient funding, or after its tenth (10) year unless Town Meeting approves an extension.

This is a 'Home Rule Petition' article which requires approval of Town Meeting and the Legislature. While the Land Bank surcharge does not expire until 2020 this article still needs legislative approval and may take several attempts before enacted.

### **Board of Selectmen Recommendation:**

**Approve 3-0-0**

### **Finance Committee Recommendation:**

**Approve 6-0-0**

**VOTE: Voice. So voted by a nearly substantial majority, declared the Moderator.**

### **Article 23 - Home Rule Petition To Authorize A Real Estate Transfer Excise Tax To Fund Other Post-Employment Benefits Liability Trust Fund**

To see if the Town will vote to authorize the Board of Selectmen to petition the General Court for Special Legislation, as set forth below, authorizing the Town to impose an excise tax on transfers of real property located in Chatham in an amount equal to 0.5% of the consideration in excess of four hundred twenty five thousand dollars (\$425,000) recited in any deed, instrument, or writing transferring real property; said additional excise tax to be deposited into the Town's Other Post-Employment Benefits Liability Trust Fund established under section 20 of chapter 32B of the Massachusetts General Laws to be invested and expended solely for the purposes set forth in said section 20; provided that the General Court may make clerical or editorial changes of form only to the Act, unless the Board of Selectmen approves amendments to the Act before enactment by the General Court, and, further, to authorize the Board of Selectmen to approve amendments to the Act which shall be within the scope of the general objectives of the petition:

### **An Act Relative to Excise Tax Revenue For The Chatham Other Post-Employment Benefits Liability Trust Fund**

**Section 1:** Notwithstanding the provisions of chapters 59 and 64D of the Massachusetts General Laws or any other special or general law to the contrary, the Town of Chatham is hereby authorized to impose the excise tax herein specified for and in respect of any deed, instrument or writing, whereby any lands, tenements, or other realty located in Chatham shall be sold, granted, assigned, transferred, or otherwise conveyed to, or vested in, a purchaser or purchasers. The excise tax herein authorized shall be levied

upon the person or persons who make or sign the deed, instrument, or writing, or for whose benefit the same is made or signed, at the rate of 0.5 per cent of the consideration recited in said deed, instrument, or writing in excess of four hundred twenty five thousand dollars. Said excise shall become effective following the vote of the Town to approve the excise authorized hereby.

**Section 2:** This chapter shall not apply to any deed, instrument, or writing given to secure a debt or to any deed, instrument, or writing to which the commonwealth, a city or town of the commonwealth, or the United States or any of their agencies are a party, nor to any deed, instrument, or writing whereby an interest in realty is sold, granted, assigned, transferred, or conveyed to a parent, spouse, child, or sibling of a person making or signing the deed, instrument, or writing.

**Section 3:** The provisions of section 35 of chapter 60 of the Massachusetts General Laws relative to collection actions against delinquent taxpayers shall apply to the excise tax authorized hereby.

**Section 4:** Notwithstanding the provisions of section 53 of chapter 44 of the Massachusetts General Laws or any other special or general law to the contrary, the excise tax revenue authorized by this Act shall be deposited into the Town's Other Post-Employment Benefits Liability Trust Fund established under section 20 of Chapter 32B of the Massachusetts General Laws and may be invested and/or expended solely for the purposes set forth in said section 20.

**Section 5:** The excise taxing authority established by this Act shall expire at the conclusion of the tenth year subsequent to the effective date of said tax. In the event that the Town's Other Post-Employment Benefits Liability Trust Fund is not projected to become self-sustaining by said date, the Town, by vote of its Town Meeting, may extend the term of said taxing authority for such additional term as it may deem appropriate. The Town may also vote to terminate the taxing authority established hereby prior to the conclusion of said tenth year upon request of its Board of Selectmen.

**Section 6:** This Act shall take effect upon passage. Or take any action in relation thereto.

(Board of Selectmen)

**Motion: Dean P. Nicastro, Vice Chairman, Board of Selectmen, moved that the Town vote to authorize the Board of Selectmen to petition the General Court to adopt**

**special legislation as printed in Article 23 of the Warrant.**

**Explanation:** A Real Estate Transfer Tax on property sales is presented as a second source of funding for the Town's OPEB liability. This Article proposes that a transfer tax of 0.5% be enacted on real estate transactions. The projected revenue could equal \$743,000, based on the sales over the past year. The article is written to exclude transfer of property between family members and to exclude the first \$425,000 of the transaction price, so as not to disadvantage lower priced properties in Town.

This article is a 'Home Rule Petition' which requires approved by Town Meeting and the Legislature. The language in the article stipulates that this transfer tax will sunset when the OPEB obligation is met, or in its tenth (10) year, whichever occurs first.

### **Board of Selectmen Recommendation:**

**Approve 3-0-0**

### **Finance Committee Recommendation:**

**Approve 4-2-0**

**VOTE: Voice. I believe the no's have it, after a request for a show of cards, the Moderator declared, it's reasonably close, but I believe the no's have it. Article 23 is not adopted, declared the Moderator.**

### **Article 24 - Monomoy National Wildlife Refuge Comprehensive Conservation Plan/Environmental Impact Statement - Funding Appropriation**

To see if the Town will vote to raise and appropriate the sum of \$85,000 for the purpose of funding the Town's continued advocacy to preserve the Town's interests regarding Monomoy and the Monomoy National Wildlife Refuge Comprehensive Conservation Plan and Environmental Impact Statement; and land-use boundary dispute relating to Monomoy, or take any other action in relation thereto.

(Board of Selectmen)

**Motion: Shareen Davis, Board of Selectmen, moved that the Town vote to appropriate the sum of \$85,000 to fund the Town's continued advocacy efforts to preserve the Town's interests in the Monomoy National Wildlife Refuge Comprehensive Conservation Plan and Environmental Impact Statement; and land-use boundary dispute relating to Monomoy, and to raise the said \$85,000 through the tax rate.**

**Explanation:** The US Fish & Wildlife Service (FWS) released the Final Comprehensive Conservation Plan and Environmental Im-

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pact Statement (CCP/EIS) for the Monomoy National Wildlife Refuge in March 2016. The CCP/EIS is an extensive document which guides management of the Refuge and its utilization by the public over the next 15 years. While the Town and FWS were able to address many issues that may affect Chatham residents and visitors, one specific issue remains unresolved. This issue is expansion of FWS management jurisdiction over open water and sub-tidal areas on the west side of Monomoy with accompanying prohibitions or limitations on many historic fishing activities that have occurred there for centuries.

The Town and the Commonwealth presented substantial legal arguments during CCP/EIS comment periods that the FWS basis for expansion of management jurisdiction was flawed and an incorrect interpretation of the original land taking in 1944. Those legal arguments have not yet been tested in the Courts.

As an alternative to expensive, time-consuming legal action the Town sought the filing of legislation in Congress to resolve the boundary interpretation. The legislation (H.R. 1157), filed by Congressman Keating, has been reported favorably out of the House Committee on Natural Resources and is awaiting action by the full House and subsequently by the Senate. These funds would continue work to see the Town's legislation through the legislative process.

### **Board of Selectmen Recommendation:**

**Approve 4-0-0**

### **Finance Committee Recommendation:**

**Approve 6-0-1**

**VOTE: Voice. So voted by a very substantial majority, declared the Moderator.**

### **Article 25 - Water Project – Water Mains**

To see if the Town will vote to appropriate and transfer from available funds of the Water Department the sum of \$1,000,000 for design and construction of replacement water mains and for all costs incidental and related thereto; and to take any other action relative thereto.

(Board of Selectmen)

**Motion: Jeffrey S. Dykens, Board of Selectmen, moved that the Town appropriate \$1,000,000 for the purpose of financing the design and construction of replacement water mains and for all costs incidental and related thereto and to meet this appropriation, that it transfer from available funds of the Water Department (water revenues/user fees) the sum of \$1,000,000.**

**Explanation:** The replacement of old,

unlined, or under-sized water mains and the public portion of water services connected to these water mains will improve the quality of water to customers who have these pipes delivering water to them. Smaller water mains and the water services were installed using pipes made from lead, steel, or copper that leach into the water; and unlined water mains leach iron into the water. Replacement of these pipes will also conserve water by preventing wasting of water through possible leaks from old pipes. Undersized water mains will be replaced with a water main of a minimum diameter of eight inches to improve the flow of water for fire protection. The last funding approval for replacement of water mains was May 2012; in 2017/18 there were four (4) significant waterline breaks.

There is a balance of \$3,419,445 in the water fund available for proposed water capital articles 25-29; should all receive favorable votes at Town Meeting the remaining balance will be \$1,504,445.

### **Board of Selectmen Recommendation:**

**Approve 4-0-0**

### **Finance Committee Recommendation:**

**Approve 7-0-0**

**VOTE: Voice. So voted unanimously.**

### **Article 26 – Water Capital – Vactor Truck**

To see if the Town will vote to raise, transfer and appropriate from available funds the sum of \$550,000 for the purchase of a Vactor Truck (“Vactor Truck”) and for all costs incidental and related thereto; or take any other action relative thereto.

(Board of Selectmen)

**Motion: Cory J. Metters, Chairman, Board of Selectmen, moved that the Town appropriate \$550,000 for the purchase of a Vactor Truck and for all costs incidental and related thereto and to meet this appropriation, that it transfer from available funds of the Water Department (water revenues/user fees) the sum of \$350,000 and raise \$75,000 through the tax rate.**

**Explanation:** As a part of the on-going upkeep of the sewer collection system, flushing of the lines is required twice a year (spring & fall). This is accomplished utilizing a high pressure sewer jetwasher. The existing trailer mounted apparatus was purchased from US Jetting Inc. in 1999. With continued expansion of the sewer collection system, a piece of equipment with a larger flushing capacity is required.

This piece of equipment can also be

utilized by other divisions within the Department of Public Works (assisting in water main break cleanups, surface water removal from Right-of-way layout during smaller flooding events similar to the latest January storm event, etc.). The cost of the equipment will be split between the Water, General Funds and sewer project. The Water Fund will contribute \$350,000, the general fund \$75,000; with the balance from existing appropriations for the wastewater/sewer project.

### **Board of Selectmen Recommendation:**

**Approve 4-0-0**

### **Finance Committee Recommendation:**

**Approve 7-0-0**

**VOTE: Voice. So Voted by a very substantial majority, declared the Moderator.**

### **Article 27 – Water Capital – Wells 10 & 11 Plans/Specifications**

To see if the Town will vote to appropriate and transfer from available funds of the Water Department (water revenues/user fees) the sum of \$125,000 for Plans/Specifications for Connecting Wells 10 & 11 to the new Water Treatment Plant and for all costs incidental and related thereto; or take any other action relative thereto.

(Board of Selectmen)

**Motion: Dean P. Nicastro, Board of Selectmen, moved that the Town appropriate \$125,000 for Plans & Specifications for connecting Wells 10 & 11 to the new Water Treatment Plant and for all costs incidental and related thereto, and to meet this appropriation, that it transfer from available funds of the Water Department (water revenues/user fees) the sum of \$125,000.**

**Explanation:** The funds will be used for advancing engineering design, concepts, and/or investigating options for tying Wells # 10 & 11 into the New Water Treatment Facility and all necessary permitting associated with same that may be required through the Department of Environmental Protection (DEP).

### **Board of Selectmen Recommendation:**

**Approve 4-0-0**

### **Finance Committee Recommendation:**

**Approve 7-0-0**

**VOTE: Voice. So voted unanimously.**

### **Article 28 – Water Capital – Design/Engineering Bridge Street Water Mains**

To see if the Town will vote to appropriate and transfer from available funds of the Water Department (water revenues/user fees) the

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sum of \$150,000 for Design & Engineering for Water Mains on Bridge Street and for all costs incidental and related thereto; or take any other action relative thereto.

(Board of Selectmen)

**Motion: Shareen Davis, Board of Selectmen, moved that the Town appropriate \$150,000 for Design & Engineering for Water Mains on Bridge Street and for all costs incidental and related thereto, and to meet this appropriation, that it transfer from available funds of the Water Department (water revenues/user fees) the sum of \$150,000.**

**Explanation:** The funds will be used for Design & Engineering and necessary permitting required for the emergency water main replacement needed on a portion of water main adjacent to the Mitchell River Bridge, currently shut down under the bridge, that failed in December 2017.

**Board of Selectmen Recommendation:**  
**Approve 4-0-0**

**Finance Committee Recommendation:**  
**Approve 6-0-0**

**VOTE: Voice. So voted unanimously.**

## Article 29 – Water Capital – SCADA

To see if the Town will vote to appropriate and transfer from available funds of the Water Department (water revenues/user fees) the sum of \$290,000 for SCADA (Supervisory Control and Data Acquisition) replacement and for all costs incidental and related thereto; or take any other action relative thereto.

(Board of Selectmen)

**Motion:** Jeffrey S. Dykens, Board of Selectmen, moved that the Town appropriate \$290,000 for SCADA (Supervisory Control and Data Acquisition) replacement and for all costs incidental and related thereto, and to meet this appropriation, that it transfer from available funds of the Water Department (water revenues/user fees) the sum of \$290,000.

**Explanation:** The existing SCADA system plays a very important and vital part in the day to day operations of the drinking water wells, water standpipes, and future Iron & Manganese Removal Facility. In 2016, an evaluation was performed on the existing SCADA system. Many deficiencies were identified as its installation was over twenty (20) years ago, aging equipment, and antiquated technology. There have been no upgrades and/or modifications to the hardware, programing, or associated data points.

*The request includes \$50,000 for design and \$240,000 for equipment.*

**Board of Selectmen Recommendation:**

**Approve 4-0-0**

**Finance Committee Recommendation:**

**Approve 6-0-0**

**VOTE: Voice. So voted unanimously.**

## Article 30 – Easement to Eversource – 375 Morton Road

To see if the Town will vote to authorize the Board of Selectmen to grant to NSTAR Electric Company, d/b/a Eversource Energy, 800 Boylston Street, Boston, MA 02119, its successors, assigns, and licensees, herein referred to the Grantee, the right and easements (as more particularly described below) for underground lines for distribution of electricity, and lines for control, relay and communication purposes over, across, upon and under a certain parcel of land (the "Premise" as more particularly described in the Deed filed in the Barnstable County Registry of Deeds in Book 5287, page 320) owned by the Grantor located at 375 Morton Road in Chatham, Massachusetts which is approximately shown on a sketch labeled Exhibit A, and to authorize the Board of Selectmen to do all things necessary to carry out the provisions of this article, or taken any other action in relation thereto.

(Board of Selectmen)

**Motion:** So moved that the Town vote to authorize the Board of Selectmen to grant NSTAR Electric Company, d/b/a Ever-source Energy, 800 Boylston Street, Boston, MA 02119, its successors, assigns, and licensees, herein referred to as the Grantee

the right and easements (as more particularly described below) for underground lines for distribution of electricity, and lines for control, relay and communication purposes over, across, upon and under a certain parcel of land (the "Premise" as more particularly described in the Deed filed in the Barnstable County Registry of Deeds in Book 5287, page 320) owned by the Grantor located at 375 Morton Road in Chatham, Massachusetts which is approximately shown on the sketch labeled Exhibit A, and to authorize the Board of Selectmen to do all things necessary to carry out the provisions of this article.

**Explanation:** The Selectmen have the authority to grant a revocable license (approved 10/10/2017) for utilities to install, construct, reconstruct, alter, extend, operate, inspect, maintain, repair, replace, and remove equipment until such time as an easement is granted upon authorization of Town Meeting. This article, if approved, will authorize the Selectmen to transfer an easement interest in the subject property to Eversource for the stated utility purposes: service to the new Water Treatment Plant.

**Board of Selectmen Recommendation:**

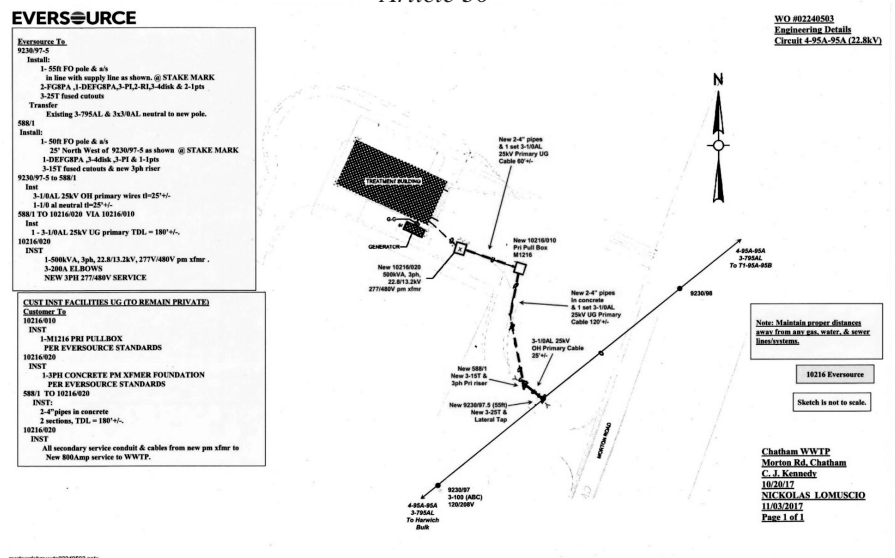
**Approve 4-0-0**

**Finance Committee Recommendation:**

**Approve 6-0-0**

**Vote Required: Two-Thirds Majority**

**VOTE: Voice. So voted unanimously.  
(Consent Calendar)**



## Town of Chatham – Annual Town Meeting – Monday, May 14, 2018

### Article 31 – FY2019 Community Preservation Committee Administrative Budget

To see if the Town will vote to appropriate and transfer from the Community Preservation Fund Revenues in accordance with the provisions of MGL, Ch. 44B, §5, the sum of \$15,000 for the purpose of funding administration associated with the Community Preservation Act, including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee, or take any other action relating thereto.

(Community Preservation Committee)

**Motion: So moved that the Town vote to appropriate and transfer from Community Preservation Fund Revenues in accordance with the provisions of MGL Ch. 44B, §5, \$15,000 for the purpose of funding administrative costs associated with the Community Preservation Act, including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee.**

*Explanation: The Community Preservation Act allows Town Meeting to appropriate up to 5% of estimated revenues for the Community Preservation Committee to carry out its statutory duties. The CPA generates approximately \$1M per year; \$900,000 from the 3% surcharge and matching funds from the state; estimated at 16.6% (or \$150,000) for FY2019. This year \$15,000 is being requested for clerical expenses, appraisals, consulting, and legal services.*

**Community Preservation Committee Recommendation: Approve 8-0-0**  
**Board of Selectmen Recommendation: Approve 4-0-0**  
**Finance Committee Recommendation: Approve 8-0-0**

**VOTE: So voted unanimously.**  
(Consent Calendar)

### Article 32 - FY2019 Community Preservation Fund Appropriations

To see if the Town will vote to appropriate and transfer, pursuant to the provisions of MGL Ch. 44B, §6 to Reserve from the Community Preservation Fund Estimated Revenues the following amounts:

- \$ 105,000 for Open Space/Recreation Purposes
- \$ 105,000 for Historic Purposes
- \$ 105,000 for Community Housing Purposes

Total Reserves of \$315,000

Or take any other action relating thereto.  
(Community Preservation Committee)

**Motion: So moved that the Town appropriate and transfer, pursuant to the provisions of MGL Ch. 44B, §6 to Reserve from the Community Preservation Estimated Revenues the following amounts:**

Open Space	\$105,000
Historic Resources	\$105,000
Community Housing	\$105,000
Total Reserves	\$315,000

*Explanation: The Community Preservation Act requires that each year 10% of estimated revenue be reserved or expended for each of the following categories; Open Space, Community Housing, and Historic Resources. This article fulfills that requirement. In subsequent articles, the motions presented transfer these funds out of these reserves to fund the projects. If one or more of the articles does not receive Town Meeting approval, the funding remains in the reserve accounts per the statutory requirement.*

**Community Preservation Committee Recommendation: Approve 8-0-0**  
**Board of Selectmen Recommendation: Approve 4-0-0**  
**Finance Committee Recommendation: Approve 8-0-0**

**VOTE: Voice. So voted unanimously.**  
(Consent Calendar)

### Article 33 - Community Preservation – Affordable Housing Consultant

To see if the Town will vote to appropriate and transfer from the Community Preservation Fund Community Housing Reserve in accordance with the provisions of MGL Ch. 44B, §5, the sum of \$5,000, for the purpose of funding a contract with an Affordable Housing Consultant, including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee, or take any other action relating thereto.

(Community Preservation Committee)

**Motion: So moved that the Town vote to appropriate and transfer from the Community Preservation Fund Community Housing Reserve in accordance with the provisions of MGL Ch. 44B, §5, \$5,000 for the purpose of funding a contract with an Affordable Housing Consultant, as recommended by the Community Preservation Committee.**

*Explanation: In order to enhance the capability of the Affordable Housing Committee to implement the goals of the Committee, as*

*well as the goals of the Local Comprehensive Plan, the expertise of a housing specialist is needed. The Affordable Housing Committee is requesting \$5,000 to supplement funds (\$25,000) appropriated in 2012 to contract with a specialist/consultant who will provide assistance when needed. This consultant will be shared jointly with Harwich. One of the first projects would be updating the Affordable Housing Committee's plan and to create a Housing Production Plan in accordance with State Guidelines.*

**Community Preservation Committee Recommendation: Approve 8-0-0**  
**Board of Selectmen Recommendation: Approve 4-0-0**  
**Finance Committee Recommendation: Approve 8-0-0**

**VOTE: Voice. So voted unanimously.**  
(Consent Calendar)

### Article 34 - Community Preservation – Affordable Housing Trust Fund

To see if the Town will vote to appropriate and transfer from the Community Preservation Fund Housing Reserve in accordance with the provisions of MGL Ch. 44B, §5, the sum of \$100,000 for the purpose of funding the Affordable Housing Trust Fund, including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee, or take any other action relating thereto.

(Community Preservation Committee)

**Motion: So moved that the Town vote to appropriate and transfer from the Community Preservation Fund Community Housing Reserves in accordance with the provisions of MGL Ch. 44B, §5, \$100,000 for the purpose of funding the Affordable Housing Trust fund, including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee.**

*Explanation: The Affordable Housing Trust Fund (AHTF) was created by Town Meeting in 2006. The AHTF is administered by the Board of Selectmen and two appointed trustees, and is governed by the "Guidelines for the Disbursement of Funds in the AHTF." This request would add to the AHTF balance, which allows the Town to respond to opportunities in the housing market in a time-sensitive and efficient manner, not having to wait for a future Town Meeting for approval. The current balance in the AHTF is \$669,775 as of January 31, 2018.*

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### Community Preservation Committee

**Recommendation: Approve 8-0-0**

### Board of Selectmen Recommendation:

**Approve 4-0-0**

### Finance Committee Recommendation:

**Approve 8-0-0**

**VOTE: Voice. So voted unanimously.**

**(Consent Calendar)**

### Article 35 - Community Preservation – Housing Production Plan

To see if the Town will vote to appropriate and transfer from the Community Preservation Fund Estimated Revenues in accordance with the provisions of MGL Ch. 44B, §5, the sum of \$10,000 for the purpose of funding consulting services to complete the Housing Production Plan including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee, or take any other action relating thereto.

(Community Preservation Committee)

**Motion: So moved that the Town vote to appropriate and transfer from the Community Preservation Fund Estimated Revenues in accordance with the provisions of MGL Ch. 44B, §5, \$10,000 for the purpose of funding consulting services to complete the Housing Production Plan including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee.**

*Explanation: This Article will update the Town's Housing Production Plan which was last done in 2013. Housing Production Plans must be updated every five (5) years and approved by the Department of Housing and Community Development (DHCD). The Housing Production Plan provides guidance to help the Town meet the housing needs of the community as well as to get closer to the 10% State affordability threshold which allows the Town to deny inappropriate comprehensive permit projects without the developer's ability to appeal the decision, thus gaining greater local control over housing development.*

### Community Preservation Committee

**Recommendation: Approve 8-0-0**

### Board of Selectmen Recommendation:

**Approve 4-0-0**

### Finance Committee Recommendation:

**Approve 8-0-0**

**VOTE: Voice. So voted unanimously.**

**(Consent Calendar)**

### Article 36 - Community Preservation – Housing Buy-down Payment

To see if the Town will vote to appropriate and transfer from the Community Preservation Fund Estimated Revenues in accordance with the provisions of MGL Ch. 44B, §5, the sum of \$200,000 for the purpose of funding a Housing Buy-down Program including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee, or take any other action relating thereto.

(Community Preservation Committee)

**Motion: Dr. Michael Tompsett, Community Preservation Committee, moved that the Town vote to appropriate and transfer from the Community Preservation Fund Estimated Revenues in accordance with the provisions of MGL Ch. 44B, §5, \$200,000 for the purpose of funding a Housing Buy-down Program including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee.**

*Explanation: This article seeks to maintain ownership of the Town's affordable housing stock that the Town currently has by providing funds to keep that housing affordable. The resale price on older "Deed Restricted" properties is based on a percentage of the market value, unlike the new Department of Housing and Community Development (DHCD) Rider, which is based on Area Median Income. Under the old restriction the resale price would exclude many buyers. Depending upon the resale price these funds would maintain ownership of approximately four (4) properties. The funds would be administered by the Chatham Housing Authority; however, funds would not be disbursed until a request is received by the Town from the CHA.*

### Community Preservation Committee

**Recommendation: Approve 8-0-0**

### Board of Selectmen Recommendation:

**Approve 4-0-0**

### Finance Committee Recommendation:

**Approve 8-0-0**

**VOTE: Voice. So voted unanimously.**

### Article 37 - Community Preservation – Cape Housing Institute

To see if the Town will vote to appropriate and transfer from the Community Preservation Fund Balance in accordance with the provisions of MGL Ch. 44B, §5, the sum of \$15,000 for the purpose of funding the Cape

Housing Institute including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee, or take any other action relating thereto.

(Community Preservation Committee)

**Motion: So moved that the Town vote to appropriate and transfer from the Community Preservation Fund Balance in accordance with the provisions of MGL Ch. 44B, §5, \$15,000 for the purpose of funding the Cape Housing Institute including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee.**

*Explanation: The Cape Housing Institute is designed to educate at least 40 business and community leaders, and elected and appointed officials each year with the knowledge and skills to support the creation of more year-round housing. Six workshops are given at two locations and have received good reviews. The program is cost-shared with other towns from the Lower and Outer cape.*

### Community Preservation Committee

**Recommendation: Approve 8-0-0**

### Board of Selectmen Recommendation:

**Approve 4-0-0**

### Finance Committee Recommendation:

**Approve 8-0-0**

**VOTE: Voice. So voted unanimously.**

**(Consent Calendar)**

### Article 38 - Community Preservation – Town Historic Documents

To see if the Town will vote to appropriate and transfer from the Community Preservation Fund Historic Reserves in accordance with the provisions of MGL Ch. 44B, §5, the sum of \$20,000 for the purpose of funding restoration/preservation of Town Vital Records including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee, or take any other action relating thereto.

(Community Preservation Committee)

**Motion: So moved that the Town vote to appropriate and transfer from the Community Preservation Fund Historic Reserves in accordance with the provisions of MGL Ch. 44B, §5, \$20,000; for the purpose of funding restoration/preservation of Town Vital Records including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee.**

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**Explanation:** Vital Records created and maintained by the Town Clerk contain the history of our residents. The records include Birth, Death, and Marriage information and without these records the history of our residents could potentially be lost. They should be protected by any means possible. There are approximately twenty-seven books remaining to be restored/preserved dating back to as early as 1883. The process includes de-acidifying the paper, placing each page in sealed Mylar covers, and re-binding in books that are easily accessible.

**Community Preservation Committee Recommendation: Approve 8-0-0**  
**Board of Selectmen Recommendation: Approve 4-0-0**  
**Finance Committee Recommendation: Approve 8-0-0**

**VOTE: Voice. So voted unanimously. (Consent Calendar)**

### Article 39 - Community Preservation – Nickerson Archaeological Dig

To see if the Town will vote to appropriate and transfer from the Community Preservation Fund Historic Preservation Reserves in accordance with the provisions of MGL Ch. 44B, §5, the sum of \$48,000 for the purpose of funding the Nickerson Homesite Archaeological Dig including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee, or take any other action relating thereto.

(Community Preservation Committee)

**Motion: So moved that the Town vote to appropriate and transfer from the Community Preservation Fund Historic Preservation Reserves in accordance with the provisions of MGL Ch. 44B, §5, \$48,000 for the purpose of funding the Nickerson Homesite Archaeological Dig including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee.**

**Explanation:** This article will provide funds to continue and complete the archeological excavation of the c.1664 homestead of William and Anne Busby Nickerson, the founders of Chatham. During preliminary digs in 2016 and 2017 the archaeological team made significant progress in locating the remains of the hearth as well as the outline of the house. Artifacts will be cataloged and put on display at the Nickerson Family Homestead. The archaeologist will offer a free lecture(s) at the Eldredge Public Library explaining the

findings. The Nickerson Family Association already expended \$18,000 of private funds, and will continue to contribute to the costs associated with the dig.

**Community Preservation Committee Recommendation: Approve 8-0-0**  
**Board of Selectmen Recommendation: Approve 4-0-0**  
**Finance Committee Recommendation: Approve 7-0-0**

**VOTE: Voice. So voted unanimously. (Consent Calendar)**

### Article 40 - Community Preservation – Chatham Marconi Maritime Center Archives

To see if the Town will vote to appropriate and transfer from the Community Preservation Fund Historic Preservation Reserves in accordance with the provisions of MGL Ch. 44B, §5, the sum of \$16,000 for the purpose of funding continuation of the Chatham Marconi Maritime Center Archives program including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee, or take any other action relating thereto.

(Community Preservation Committee)

**Motion: Dr. Michael Tompsett, Chairman, Community Preservation Committee, moved that the Town vote to appropriate and transfer from the Community Preservation Fund Historic Preservation Reserves in accordance with the provisions of MGL Ch. 44B, §5, \$16,000; for the purpose of funding continuation of the Chatham Marconi Maritime Center Archive program including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee.**

**Explanation:** This article seeks additional funds to preserve and make accessible the collection of memorabilia, dating back over 100 years, associated with the history of the Chatham Radio/WCC through engagement of an archival consultant to audit the current collection, begin digitally cataloging the collection, and training volunteers to continue the process. The Town approved funding (\$29,000) for the Chatham Marconi Maritime Center (CMMC) archives in 2017. This request is needed as additional documents have been donated to and received by CMMC, which added to the archiving project.

**Community Preservation Committee Recommendation: Approve 8-0-0**  
**Board of Selectmen Recommendation: Approve 3-1-0**  
**Finance Committee Recommendation: Approve 6-0-1**

**VOTE: Voice. So voted unanimously.**

### Article 41 - Community Preservation – Marconi RCA Historic District - Tower/Antenna Field Assessment and Building/Structure Protection

To see if the Town will vote to appropriate and transfer from the Community Preservation Fund Historic Preservation Reserves in accordance with the provisions of MGL Ch. 44B, §5, the sum of \$20,000 for the purpose of funding the Tower/Antenna Field Assessment & Building/Structure Protection at the Marconi RCA Historic district including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee, or take any other action relating thereto.

(Community Preservation Committee)

**Motion: So moved that the Town vote to appropriate and transfer from the Community Preservation Fund Historic Preservation Reserves in accordance with the provisions of MGL Ch. 44B, §5, \$20,000 for the purpose of funding the Tower/Antenna Field Assessment & Building/Structure Protection at the Marconi RCA Historic district including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee.**

**Explanation:** Three antenna towers owned by the Town are located in the Marconi/RCA National Register District and have not received a structural evaluation/protection assessment since 2003. It is proposed to carry out a new assessment for \$10,000 to determine what measures are necessary to maintain the integrity of these Town-owned historic structures. An additional \$10,000 is requested for physical barriers to prevent accidental vehicle contact with the original power house and garage buildings. This is a request by the Town.

**Community Preservation Committee Recommendation: Approve 8-0-0**  
**Board of Selectmen Recommendation: Approve 4-0-0**  
**Finance Committee Recommendation: Approve 6-0-1**

**VOTE: Voice. So voted unanimously. (Consent Calendar)**

## Town of Chatham – Annual Town Meeting – Monday, May 14, 2018

### Article 42 - Community Preservation – Pioneer Memorial

To see if the Town will vote to appropriate and transfer from the Community Preservation Fund Historic Preservation Reserves/ Estimate Revenues in accordance with the provisions of MGL Ch. 44B, §5, the sum of \$3,000 for the purpose of funding the Pioneer Memorial restoration and repositioning including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee, or take any other action relating thereto.

(Community Preservation Committee)

**Motion:** So moved that the Town vote to appropriate and transfer from the Community Preservation Fund Historic Preservation Reserves in accordance with the provisions of MGL Ch. 44B, §5, \$2,000; and appropriate and transfer from the Community Preservation Fund Estimated Revenues in accordance with the provisions of MGL Ch. 44B, §5, \$1,000 for the purpose of funding the Pioneer Memorial restoration and repositioning including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee.

**Explanation:** This article seeks funds to restore the deteriorated condition of the Pioneer Memorial to preserve its historical integrity and allow it to be moved back from Main Street when the proposed rehabilitation of the Eldredge Public Library frontage takes place.

**Community Preservation Committee**

**Recommendation: Approve 8-0-0**

**Board of Selectmen Recommendation:**

**Approve 4-0-0**

**Finance Committee Recommendation:**

**Approve 6-0-1**

**VOTE:** Voice. So voted unanimously.  
(Consent Calendar)

### Article 43 - Community Preservation – Bridge Street Landing Purchase

To see if the Town will vote to appropriate and transfer from the Community Preservation Fund Balance in accordance with the provisions of MGL Ch. 44B, §5, the sum of \$262,500 for the purpose of funding the acquisition of a parcel of land at the southeasterly corner of Lot 3 on Land Court Plan 11626-D, including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee, or take any other action relating thereto.

(Community Preservation Committee)

**Motion: Dr. Michael Tompsett, Chairman, Community Preservation Committee,** moved that the Town vote to appropriate and transfer from the Community Preservation Fund Balance in accordance with the provisions of MGL Ch. 44B, §5, \$262,500 for the purpose of funding acquisition of a PORTION of Lot 3 on Land Court Plan 11626-D described as follows: Commencing at the southeasterly corner of the leased premises at Bridge Street and at Mitchell River, Thence running westerly along Bridge Street approximately 145 feet to a concrete post (not a concrete bound) located 34 feet, more or less, from the western edge of the intersection of the paved ramp and Bridge Street, Thence running northerly from said concrete post at a direction perpendicular to Bridge Street along the edge of the upland bank to Mitchell River, Thence running southeasterly by Mitchell River to the point of beginning, including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee, and authorize the Board of Selectmen to undertake all actions necessary to acquire title to the subject parcel.

**Explanation:** Opportunities for the Town to acquire waterfront property for public access are extremely limited. The property in question is located on the north side of Bridge St., adjacent to the Mitchell River Bridge, and has been leased by the Town since at least the 1950's as a landing. The proposed acquisition, to be sub-divided from the overall lot, is about 19,000 SF in total with about 8,500 SF of upland providing space for approximately 8 cars, and the existing boat ramp. Public use

of the site has been long-standing for boat launching, parking, shellfishing access, kayaking, and general water access. The request is to make this public access permanent by taking advantage of the opportunity to acquire 19,000 SF of land for \$227,500. An appraisal was conducted and the purchase price/Purchase and Sales Agreement was negotiated by Staff and Board of Selectmen members. An additional \$35,000 is requested for permitting and stabilization of the coastal bank.

**Community Preservation Committee Recommendation: Approve 8-0-0**

**Board of Selectmen Recommendation:**

**Approve 4-0-0**

**Finance Committee Recommendation:**

**Approve 5-2-0**

**Vote Required: Two-Thirds Majority**

**VOTE:** Voice. So voted by a virtual unanimous vote, declared the Moderator.

### Article 44 - Community Preservation – Seaside Links 4th Tee

To see if the Town will vote to appropriate and transfer from the Community Preservation Fund Balance in accordance with the provisions of MGL Ch. 44B, §5, the sum of \$65,000 for the purpose of funding replacement of the 4th tees at Seaside Links Municipal Golf Course including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee, or take any other action relating thereto.

(Community Preservation Committee)

**Motion: Dr. Michael Tompsett, Chairman, Community Preservation Committee,** moved that the Town vote to appropri-

### Article 43



Assessor's Parcel ID: 144-11A-03  
OWNER OF RECORD:  
Timothy G. Byrne and  
Margaret A. Byrne, Trustees  
Residential Trust II  
CH 125436  
L.C. PL. 11626-D, Lot 3

Total Area to "About Low Water" = 19,900 S.F.±  
Area of Upland = 8,500 S.F.±  
Area Above Top of Bank = 3,500 S.F.±



TOWN OF CHATHAM	
SKETCH PLAN	
Project Name	Date
BRIDGE STREET LANDING PURCHASE	5/14/2018
Project No.	2018-003
Scale	1" = 40'
Sheet No.	1 of 1

ELDERIDGE SURVEYING & ENGINEERING, LLC  
1000 Main Street, Suite 200  
Chatham, MA 01925  
(508) 385-1000

X:\ARCH\2018\DRAWINGS\1000 380 - Bridge Street Landing Assesment\Assesment Sketch 2018-0129.dwg

# Town of Chatham – Annual Town Meeting – Monday, May 14, 2018

## Article 46

ate and transfer from the Community Preservation Fund Balance in accordance with the provisions of MGL Ch. 44B, §5, \$65,000 for the purpose of funding replacement of the 4th tees at Seaside Links Municipal Golf Course including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee.

**Explanation:** This request is to enhance the tees and replace the artificial grass on the Seaside Golf Links 4th hole for the men and women/seniors tees. This will improve the golf experience with better tees to support men, women, and senior golfers. Artificial grass is not approved on official courses and golf tees are not easily inserted through it.

**Community Preservation Committee**

**Recommendation: Approve 8-0-0**

**Board of Selectmen Recommendation:**

**Approve 4-0-0**

**Finance Committee Recommendation:**

**Approve 7-0-0**

**VOTE: Voice. So voted by a very substantial majority, declared the Moderator.**

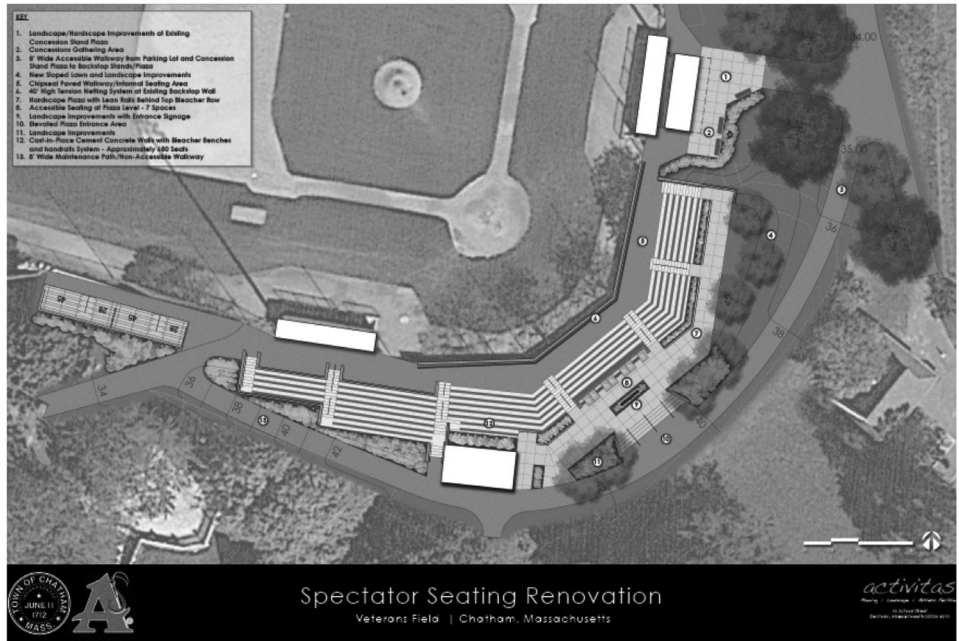
## Article 45 - Community Preservation – Seaside Links 2nd & 9th Tees

To see if the Town will vote to appropriate and transfer from the Community Preservation Fund Balance in accordance with the provisions of MGL Ch. 44B, §5, the sum of \$6,575 for the purpose of funding improvements at Seaside Links Municipal Golf Course including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee, or take any other action relating thereto.

(Community Preservation Committee)

**Motion: Dr. Michael Tompsett, Chairman, Community Preservation Committee, moved that the Town vote to appropriate and transfer from the Community Preservation Fund Balance in accordance with the provisions of MGL Ch. 44B, §5, \$6,575 for the purpose of funding improvements at Seaside Links Municipal Golf Course including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee.**

**Explanation:** This article seeks additional funding for the article approved at the May 2017 Annual Town Meeting (\$12,500) for building two new tees for women/seniors (2nd & 9th holes) and to provide an easily navigable path from the 8th green to the 9th forward tees. Bids received using state-



defined prevailing wage exceeded available funds and this article provides funding to cover the difference. No funds have been expended to date.

**Community Preservation Committee**

**Recommendation: Approve 8-0-0**

**Board of Selectmen Recommendation:**

**Approve 4-0-0**

**Finance Committee Recommendation:**

**Approve 6-1-0**

**VOTE: Voice. So voted by a substantial majority, declared the Moderator.**

## Article 46 - Community Preservation – Veteran's Field Bleachers

To see if the Town will vote to appropriate and transfer from the Community Preservation Fund Estimated Revenues in accordance with the provisions of MGL Ch. 44B, §5, the sum of \$450,000 for the purpose of funding improvements at Veteran's Field including necessary costs and expenses related thereto, as recommended by the Community Preservation Committee, or take any other action relating thereto.

(Community Preservation Committee)

**Motion: Dr. Michael Tompsett, Chairman, Community Preservation Committee, move that the Town vote to appropriate and transfer from the Community Preservation Fund Estimated Revenues in accordance with the provisions of MGL Ch. 44B, §5, \$450,000 for the purpose of funding improvements at Veteran's Field including necessary costs and expenses**

related thereto, as recommended by the Community Preservation Committee.

**Explanation:** Veteran's Field is used over 100 times a year by many different groups. The purpose of the project is to provide greater accessibility and enhance safety. CPC funds in the amount of \$50,000 were approved last year for a redesign to replace the existing bleachers, and to make the bleachers compliant with the American Disabilities Act. The total cost is estimated at \$531,000 with the Chatham Athletic Association providing 25% of the cost, up to \$100,000. The project also includes installing additional landscaping.

**Community Preservation Committee**

**Recommendation: Approve 7-1-0**

**Board of Selectmen Recommendation:**

**Approve 4-0-0**

**Finance Committee Recommendation:**

**Approve 6-0-1**

**VOTE: Voice. So voted by a very substantial majority, declared the Moderator.**

## Article 47 – Town of Chatham Rules and Regulations of the Sewer Department

To see if the Town will vote to amend the "Town of Chatham Rules and Regulations of the Sewer Department" adopted under Article 57 of the March 15, 1972 Annual Town Meeting and revised under Article 33 of the May 11, 2004, Annual Town Meeting, Article 21 of the May 9, 2005, Annual Town Meeting, Article 35 of the May 12, 2008, Annual Town Meeting, Article 9 of the August

## Town of Chatham – Annual Town Meeting – Monday, May 14, 2018

27, 2012 Special Town Meeting, Article 3 of the October 7, 2013 Special Town Meeting, Articles 29 & 42 of the May 12, 2014, and Article 32 of the May 9, 2016 Annual Town Meeting as follows:

Strikethrough indicates language proposed for deletion.

Underlined, bold, italics indicates language proposed for inclusion.

**Note** – only those Articles/Sections of the Regulations being revised are shown.

### Article III BUILDING SEWERS AND CONNECTIONS

#### Section 6.

Gravity Building sewers shall be constructed of such materials and shall be a minimum four (4") inch diameter pipe for single family residential connections properties with a principal dwelling only (Property Type Classification Code 101). Gravity building sewers serving single family properties with a principal dwelling and one, or more, additional structures (i.e. garage with sanitary facilities, guesthouse, accessory dwelling unit, etc.), and six (6") inch diameter pipe for multi-family properties (apartments, condominiums, rooming houses, hotels/motels, inns, etc.), mixed-use, or industrial connections properties shall be minimum six (6") inch diameter pipe or as the Director may determine. Sewer pipe shall be made from: ductile iron with the outside coated with extra heavy bituminous coating approved for buried utilities and the inside cement lined, minimum schedule 35 P.V.C. or acceptable substitute approved by the Director. The Gravity building sewers shall be laid straight in line and grade between cleanouts or manholes.

Building sewers serving Ssingle family residential building sewers must properties consisting of a principal dwelling, including those containing one (1) additional structure (i.e. garage with sanitary facilities, guesthouse, accessory dwelling unit, etc.), shall have watertight wye cleanouts, with H-20 rated valve frame and cover box, with the word "SEWER" in raised lettering, at all locations where pipe size, slope, and/ or changes in direction changes occur, and at the property line. Additional cleanouts may be required for runs of 100 feet or more, or at the discretion of the Director. The cleanout shall be brought to within four (4") inches below final grade, except for paved surfaces, (bituminous concrete, concrete, paving blocks, etc.) where the cover shall be flush with the finished surface. Cleanouts in pres-

sure sewers shall be located and constructed per the manufacturer's recommendation.

For Building sewers serving single family residential properties containing more than one (1) additional structure (i.e. garage with sanitary facilities, guesthouse, accessory dwelling unit, etc.) in addition to the principal dwelling, multi-family properties (apartments, condominiums, rooming houses, hotels/motels, inns, etc.), commercial, mixed-use, or industrial sewer connections properties shall have manholes shall be used at all locations where pipe size, slope, and/or changes in directions changes occur, and at the property line. The property line manhole serving Commercial or industrial sewer connections shall include be suitable for use as a sampling station, to be used for discharge sampling, located in the road layout at the property line. The sampling station shall consist of a precast manhole with approved frame & cover.

(Board of Selectmen)

**Motion:** Jeffrey S. Dykens, Board of Selectmen, moved that the Town vote to amend the "Town of Chatham Rules and Regulations of the Sewer Department" adopted under Article 57 of the March 15, 1972 Annual Town Meeting and subsequently amended in 2004, 2005, 2008, 2012, 2013, 2014, and 2016 as printed in the Warrant.

**Explanation:** The changes proposed above clarify the requirements for pipe size, and cleanouts versus manholes in making connections to the municipal sewer system.

Properties containing only a single-family dwelling will need a 4" pipe connection, similar to what is required for a septic system; properties with other than a single-family dwelling will require a minimum pipe size of 6" to avoid problems associated with higher sewer flows.

The 2nd paragraph clarifies circumstances under which cleanouts are used in the connection from the buildings to the sewer lateral at the street. The 3rd paragraphs clarifies circumstances under which manholes are required from the buildings to the sewer lateral at the street to avoid problems associated with higher sewer flows and to provide a method to clean and maintain the sewer lines prior to the public sewer in the street.

**Board of Selectmen Recommendation:**

**Approve 4-0-0**

**Finance Committee Recommendation:**

**Approve 6-0-0**

**VOTE: Voice. So voted unanimously.**

### Article 48 – Inter-Municipal Agreement – Pleasant Bay Watershed Permit Pilot Project

To see if the Town will vote to direct the Board of Selectmen to approve and execute an Inter-municipal Agreement (IMA) with the Towns of Brewster, Harwich, and Orleans relative to a Pleasant Bay Watershed Permit to be issued by the Massachusetts Department of Environmental Protection to facilitate removal of excess nitrogen loads to Pleasant Bay, contingent upon and subject to the terms of said Inter-municipal Agreement being finalized prior to the commencement of this Town Meeting, with a copy of the proposed final Inter-municipal Agreement to be made available by the Selectmen for review by the voters, or take any other action in relation thereto.

(Board of Selectmen)

**Motion:** So moved that the Town vote to direct the Board of Selectmen to approve and execute an Inter-municipal Agreement (IMA) with the Towns of Brewster, Harwich, and Orleans relative to a Pleasant Bay Watershed Permit to be issued by the Massachusetts Department of Environmental Protection to facilitate removal of excess nitrogen loads to Pleasant Bay, contingent upon and subject to the terms of said Inter-municipal Agreement being finalized prior to the commencement of this Town Meeting, with a copy of the proposed final Inter-municipal Agreement to be made available by the Selectmen for review by the voters.

**Explanation:** MassDEP has initiated a new program of Watershed Permitting to facilitate removal of excess nitrogen loads impacting coastal embayments. Pleasant Bay has been selected to participate in a pilot project to obtain such a permit, pending town approvals.

The core aspect of the permit will be a Targeted Watershed Management Plan (TWMP). The TWMP will summarize the nutrient management plans (i.e. CWMPs) already prepared by the towns in the watershed, and will not be a new plan. The TWMP will be an elaboration of the Pleasant Bay Composite Nitrogen Management Analysis (March 2017).

In order to obtain a Watershed Permit, a four-town inter-municipal agreement (IMA) will need to be executed that confirms each town's share of nitrogen removal responsibility and its intended implementation schedule, giving all towns the assurance that the towns are working together and that improved water quality will be not delayed by one town's inactions.

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The proposed IMA (available on the Town's website <https://www.chatham-ma.gov/town-meeting> builds on the Resolution of the Towns Sharing the Watershed of Pleasant Bay signed by the Board of Selectmen in June 2017. The resolution endorsed the Pleasant Bay Composite Nitrogen Management Analysis as an accurate representation of the Town's share of current attenuated nitrogen load and its responsibility to remove nitrogen in Pleasant Bay.

The Watershed Permit will give the towns MassDEP permission to conduct nitrogen removal projects for which there is no current permitting program, such as so-called non-traditional technologies, with an agreed-upon process for documenting the nitrogen removal that actually occurs.

By accepting the permit, the Town obtains the following advantages:

- Eligibility for SRF financing for non-traditional technologies (such funding is not available to towns without a watershed permit);
- Higher priority for SRF financing for both traditional and non-traditional technologies
- Special consideration for other grant programs;
- An assured procedure for documenting nitrogen removal credits toward TMDL compliance;
- Freedom from DEP enforcement actions related to current excessive nitrogen loads, provided that implementation schedules are met.

### **Board of Selectmen Recommendation:**

**Approve 3-0-0**

### **Finance Committee Recommendation:**

**Approve 6-0-0**

**VOTE: Voice. So voted unanimously.  
(Consent Calendar)**

### **Article 49 – Memorandum of Agreement – Pleasant Bay Alliance Resource Management Plan**

To see if the Town will vote to adopt the 2018 Pleasant Bay Resource Management Plan Update developed in accordance with the Pleasant Bay Resource Management Plan adopted by the Town in 1998 and updated in 2003, 2008, and 2013, and to continue working with the aforementioned towns of the Pleasant Bay Resource Management Alliance to implement the plan and plan updates, or to take any other action relation thereto.

(Board of Selectmen)

**Motion: So moved that the Town adopt the 2018 Pleasant Bay Resource Management Plan Update developed in accordance with the Pleasant Bay Resource Management Plan adopted by the Town in 1998 and updated in 2003, 2008, and 2013, and to continue working with the aforementioned towns of the Pleasant Bay Alliance to implement the plan and plan updates.**

**Explanation:** The Pleasant Bay Resource Management Plan 2018 Update describes management issues and provides recommendations for coordinated management activity within the Pleasant Bay Area of Critical Environmental Concern (ACEC) and watershed. The purpose of the management plan is to promote the natural resource health and public enjoyment of Pleasant Bay. The management plan is updated as needed by the Pleasant Bay Alliance, an organization formed by an inter-municipal agreement between Brewster, Orleans, Chatham and Harwich. Town Meeting in each town is being asked to adopt the 2018 Update and renew the Memorandum of Agreement forming the Alliance.

The 2018 Update contains recommendations in the areas of Biodiversity and Habitat Protection, Wetlands Protection, Fisheries Management, Watershed Planning, Coastal Processes and Coastal Structures, Navigation Safety, Public Access and Historic Resources. The Update was developed over the past year by the Alliance with input from local and regional resource managers and interested citizens.

The 2018 Update is available on the home page of the Pleasant Bay Alliance website, [www.pleasantbay.org](http://www.pleasantbay.org). Resource Management priorities include:

#### **1. Continuing to Facilitate Watershed-based Collaboration to Address Nitrogen Loading**

Encourage the four watershed towns to make progress in developing and implementing nutrient management plans and promote watershed-based collaboration to achieve total nitrogen Total Maximum Daily Loads (TMDLs). Stormwater management, smart growth, and fertilizer controls will be areas of focus.

#### **2. Promoting Coastal Resiliency by Protecting Healthy Coastal Processes**

Continue to work with Conservation Commissions to implement the Guidelines for Erosion Management in Pleasant Bay, Evaluate Management and Resiliency

Strategies for Dealing with the Effects of Sea Level Rise in Pleasant Bay and Chatham Harbor.

#### **3. Promoting Strengthening of Wetland Protections**

Continue to work to strengthen local wetlands protection regulations and review procedures by recommending modifications to local conservation regulations and bylaws.

#### **4. Developing Best Management Practices to Protect Biodiversity**

Develop best management practices designed to manage invasive species and promote habitat and resource protection. Investigate, monitor and improve opportunities for diadromous fish passage.

#### **5. Continuing Resource Monitoring Programs and Research**

Continue to monitor water quality, tide data, salt marsh and eelgrass health, and aerial photography for management support and regulatory compliance. Rely on rigorous technical analyses to discern significant trends.

#### **6. Continuing to Build Stewardship through Public Education**

Continue to develop stewardship by sharing research, data and information regarding resource conditions and trends.

The Pleasant Bay Alliance Memorandum of Agreement (MOA) renewal, authorized by this article, has been updated in the following areas: 1) the Steering Committee has been changed from a town appointed representative and alternate to two (2) town appointed representatives; 2) language allowing any town to withdraw upon 60 (sixty) days notice has been added; and 3) the term has been lengthened to 20 years to coincide with an expected Watershed Permit.

### **Board of Selectmen Recommendation:**

**Approve 3-0-0**

### **Finance Committee Recommendation:**

**Approve 6-0-0**

**VOTE: Voice. So voted unanimously.  
(Consent Calendar)**

**MOTION TO ADJOURN: At 9:25 p.m., Selectman Cory Metters moved that the meeting be adjourned.**

**VOTE: Voice. So voted, declared the Moderator.**

**Respectfully submitted,  
Julie S. Smith, MMC/CMMC  
Town Clerk**

## Town of Chatham – Annual Town Election Minutes – May 17, 2018

<u>BOARD OF SELECTMEN (1-Year Term)</u>	
	<u>TOTAL</u>
BLANKS	39
JAMILE D. BASSETT	577
PETER K. COCOLIS *	967
WRITE-INS	0
<b>TOTAL</b>	<b>1583</b>

<u>BOARD OF SELECTMEN (3-Year Terms)</u>	
	<u>TOTAL</u>
BLANKS	468
CORY J. METTERS *	1251
DEAN P. NICASTRO *	1006
SETH THOMAS TAYLOR	436
WRITE-INS	5
<b>TOTAL</b>	<b>3166</b>

<u>MODERATOR (3-Year Term)</u>	
	<u>TOTAL</u>
BLANKS	228
WILLIAM G. LITCHFIELD *	1347
WRITE-INS	8
<b>TOTAL</b>	<b>1583</b>

<u>MONOMOY REG. SCHOOL COMMITTEE (1-Year Term)</u>	
	<u>TOTAL</u>
BLANKS	389
JOSEPH P. AUCIELLO *	1185
WRITE-INS	9
<b>TOTAL</b>	<b>1583</b>

<u>MONOMOY REG. SCHOOL COMMITTEE (3-Year Term)</u>	
	<u>TOTAL</u>
BLANKS	390
JO-ANNE SHEEHAN *	1189
WRITE-INS	4
<b>TOTAL</b>	<b>1583</b>

<u>HOUSING AUTHORITY (2-Year Term)</u>	
	<u>TOTAL</u>
BLANKS	410
JANICE M. O'CONNELL *	1167
WRITE-INS	6
<b>TOTAL</b>	<b>1583</b>

<u>HOUSING (5-Year Term)</u>	
	<u>TOTAL</u>
BLANKS	374
PRISCILLA FORD *	766
KAYTA KOEHLER-RICE	440
WRITE-INS	3
<b>TOTAL</b>	<b>1583</b>

Respectfully submitted,  
Julie S. Smith, MMC/CMMC  
Chatham Town Clerk

## Town of Chatham – State Primary Election – September 4, 2018

This State Primary Election, called by the Board of Selectmen as required by law on a Warrant duly posted by Constable John Proudfoot on August 20, 2018, was held on Tuesday, September 4, 2018 at the Chatham Community Center (702 Main Street). The polls opened at 7:00 a.m.

Town Clerk Julie Smith and Assistant Town Clerk Paula Tobin examined the ballot boxes, demonstrated the boxes were empty and showed the ballot counters to be registered at zero. The Optical Scan electronic voting systems operated throughout the day without incident.

Inspectors Joan Bagnell, Beverly Brown, Ann Eldredge, Sandra Koski, Pepe Miller, David Porter, Sandi Porter, Louise Redfield, Jennifer Smith, and Carol Tautkus all contributed to the success of this election.

The polls closed at 8:00 p.m. At the time of this election there were 5,697 registered voters in Chatham; 1,438 ballots were cast (25%).

**RESULTS - DEMOCRAT**  
**1,210** Registered Democrat Voters  
**708** Democrat Ballots Cast

<u>SENATOR IN CONGRESS</u>	<u>TOTAL</u>
BLANKS	48
ELIZABETH A. WARREN *	654
WRITE-INS	6
<b>TOTAL</b>	<b>708</b>

<u>GOVERNOR</u>	<u>TOTAL</u>
BLANKS	152
JAY M. GONZALEZ *	386
BOB MASSIE	161
WRITE-INS	9
<b>TOTAL</b>	<b>708</b>

<u>LIEUTENANT GOVERNOR</u>	<u>TOTAL</u>
BLANKS	159
QUENTIN PALFREY *	313
JIMMY TINGLE	234
WRITE-INS	2
<b>TOTAL</b>	<b>708</b>

<u>ATTORNEY GENERAL</u>	<u>TOTAL</u>
BLANKS	41
MAURA HEALEY *	667
WRITE-INS	0
<b>TOTAL</b>	<b>708</b>

<u>SECRETARY OF STATE</u>	<u>TOTAL</u>
BLANKS	25
WILLIAM FRANCIS GALVIN *	508
JOSH ZAKIM	175
WRITE-INS	0
<b>TOTAL</b>	<b>708</b>

<u>TREASURER</u>	<u>TOTAL</u>
BLANKS	108
DEBORAH B. GOLDBERG *	599
WRITE-INS	1
<b>TOTAL</b>	<b>708</b>

<u>AUDITOR</u>	<u>TOTAL</u>
BLANKS	133
SUZANNE M. BUMP *	575
WRITE-INS	0
<b>TOTAL</b>	<b>708</b>

<u>REPRESENTATIVE IN CONGRESS</u>	<u>TOTAL</u>
BLANKS	23
BILL KEATING *	581
BILL CIMBRELO	104
WRITE-INS	0
<b>TOTAL</b>	<b>708</b>

<u>COUNCILLOR</u>	<u>TOTAL</u>
BLANKS	182
JOSEPH C. FERREIRA *	526
WRITE-INS	0
<b>TOTAL</b>	<b>708</b>

<u>SENATOR IN GENERAL COURT</u>	<u>TOTAL</u>
BLANKS	72
JULIAN ANDRE CYR *	634
WRITE-INS	2
<b>TOTAL</b>	<b>708</b>

<u>REPRESENTATIVE IN GENERAL COURT</u>	<u>TOTAL</u>
BLANKS	50
SARAH K. PEAKE *	657
WRITE-INS	1
<b>TOTAL</b>	<b>708</b>

<u>DISTRICT ATTORNEY</u>	<u>TOTAL</u>
BLANKS	641
WRITE-INS	67
<b>TOTAL</b>	<b>708</b>

<u>CLERK OF COURTS</u>	<u>TOTAL</u>
BLANKS	665
WRITE-INS	43
<b>TOTAL</b>	<b>708</b>

# Town of Chatham – State Primary Election – September 4, 2018

<u>REGISTER OF DEEDS</u>	<u>TOTAL</u>
BLANKS	665
WRITE-INS	43
<b>TOTAL</b>	<b>708</b>

<u>COUNTY COMMISSIONER</u>	<u>TOTAL</u>
BLANKS	104
RONALD J. BERGSTROM *	603
WRITE-INS	1
<b>TOTAL</b>	<b>708</b>

**RESULTS - REPUBLICAN**  
**1,139** Registered Republican Voters  
**728** Republican Ballots Cast

<u>SENATOR IN CONGRESS</u>	<u>TOTAL</u>
BLANKS	35
GEOFF DIEHL *	367
JOHN KINGSTON	181
BETH JOYCE LINDSTROM	145
WRITE-INS	0
<b>TOTAL</b>	<b>728</b>

<u>GOVERNOR</u>	<u>TOTAL</u>
BLANKS	12
CHARLES D. BAKER *	472
SCOTT D. LIVELY	244
WRITE-INS	0
<b>TOTAL</b>	<b>728</b>

<u>LIEUTENANT GOVERNOR</u>	<u>TOTAL</u>
BLANKS	150
KARYN E. POLITO *	572
WRITE-INS	6
<b>TOTAL</b>	<b>728</b>

<u>ATTORNEY GENERAL</u>	<u>TOTAL</u>
BLANKS	121
JAMES R. MCMAHON, III *	451
DANIEL L. SHORES	156
WRITE-INS	0
<b>TOTAL</b>	<b>728</b>

<u>SECRETARY OF STATE</u>	<u>TOTAL</u>
BLANKS	191
ANTHONY M. AMORE *	535
WRITE-INS	2
<b>TOTAL</b>	<b>728</b>

<u>TREASURER</u>	<u>TOTAL</u>
BLANKS	200
KEIKO M. ORRALL *	526
WRITE-INS	2
<b>TOTAL</b>	<b>728</b>

<u>AUDITOR</u>	<u>TOTAL</u>
BLANKS	200
HELEN BRADY *	527
WRITE-INS	1
<b>TOTAL</b>	<b>728</b>

<u>REPRESENTATIVE IN CONGRESS</u>	<u>TOTAL</u>
BLANKS	150
PETER D. TEDESCHI *	577
WRITE-INS	1
<b>TOTAL</b>	<b>728</b>

<u>COUNCILLOR</u>	<u>TOTAL</u>
BLANKS	203
THOMAS F. KEYES *	524
WRITE-INS	1
<b>TOTAL</b>	<b>728</b>

<u>SENATOR IN GENERAL COURT</u>	<u>TOTAL</u>
BLANKS	180
JOHN G. FLORES *	546
WRITE-INS	2
<b>TOTAL</b>	<b>728</b>

<u>REPRESENTATIVE IN GENERAL COURT</u>	<u>TOTAL</u>
BLANKS	603
WRITE-INS	125
<b>TOTAL</b>	<b>728</b>

<u>DISTRICT ATTORNEY</u>	<u>TOTAL</u>
BLANKS	157
MICHAEL D. O'KEEFE *	569
WRITE-INS	2
<b>TOTAL</b>	<b>728</b>

<u>CLERK OF COURTS</u>	<u>TOTAL</u>
BLANKS	171
SCOTT W. NICKERSON *	555
WRITE-INS	2
<b>TOTAL</b>	<b>728</b>

<u>REGISTER OF DEEDS</u>	<u>TOTAL</u>
BLANKS	176
JOHN F. MEADE *	552
WRITE-INS	0
<b>TOTAL</b>	<b>728</b>

<u>COUNTY COMMISSIONER</u>	<u>TOTAL</u>
BLANKS	156
LEO G. CAKOUNES *	568
WRITE-INS	4
<b>TOTAL</b>	<b>728</b>

**RESULTS - LIBERTARIAN**  
**13** Registered Libertarian Voters  
**2** Libertarian Ballots Cast

<u>SENATOR IN CONGRESS</u>	<u>TOTAL</u>
BLANKS	1
WRITE-INS	1
<b>TOTAL</b>	<b>2</b>

<u>GOVERNOR</u>	<u>TOTAL</u>
BLANKS	0
WRITE-INS	2
<b>TOTAL</b>	<b>2</b>

<u>LIEUTENANT GOVERNOR</u>	<u>TOTAL</u>
BLANKS	0
WRITE-INS	2
<b>TOTAL</b>	<b>2</b>

<u>ATTORNEY GENERAL</u>	<u>TOTAL</u>
BLANKS	1
WRITE-INS	1
<b>TOTAL</b>	<b>2</b>

<u>SECRETARY OF STATE</u>	<u>TOTAL</u>
BLANKS	1
WRITE-INS	1
<b>TOTAL</b>	<b>2</b>

<u>TREASURER</u>	<u>TOTAL</u>
BLANKS	2
WRITE-INS	0
<b>TOTAL</b>	<b>2</b>

<u>AUDITOR</u>	<u>TOTAL</u>
BLANKS	1
DANIEL FISHMAN	1
WRITE-INS	0
<b>TOTAL</b>	<b>2</b>

<u>REPRESENTATIVE IN CONGRESS</u>	<u>TOTAL</u>
BLANKS	2
WRITE-INS	0
<b>TOTAL</b>	<b>2</b>

<u>COUNCILLOR</u>	<u>TOTAL</u>
BLANKS	2
WRITE-INS	0
<b>TOTAL</b>	<b>2</b>

<u>SENATOR IN GENERAL COURT</u>	<u>TOTAL</u>
BLANKS	2
WRITE-INS	0
<b>TOTAL</b>	<b>2</b>

<u>REPRESENTATIVE IN GENERAL COURT</u>	<u>TOTAL</u>
BLANKS	2
WRITE-INS	0
<b>TOTAL</b>	<b>2</b>

<u>DISTRICT ATTORNEY</u>	<u>TOTAL</u>
BLANKS	2
WRITE-INS	0
<b>TOTAL</b>	<b>2</b>

## Town of Chatham – State Primary Election – September 4, 2018

<u>CLERK OF COURTS</u>	<u>TOTAL</u>	<u>REGISTER OF DEEDS</u>	<u>TOTAL</u>	<u>COUNTY COMMISSIONER</u>	<u>TOTAL</u>
BLANKS	2	BLANKS	2	BLANKS	2
WRITE-INS	0	WRITE-INS	0	WRITE-INS	0
<b>TOTAL</b>	<b>2</b>	<b>TOTAL</b>	<b>2</b>	<b>TOTAL</b>	<b>2</b>

Respectfully submitted,  
Julie Smith, MMC/CMMC  
Chatham Town Clerk

## Town of Chatham – State Election Minutes – November 6, 2018

This State Election, called by the Board of Selectmen as required by law on a Warrant duly posted by Constable Benjamin J. Nickerson on October 18, 2018, was held on Tuesday, November 6, 2018 at the Chatham Community Center (702 Main Street). The polls opened at 7:00 a.m.

Town Clerk Julie Smith and Assistant Town Clerk Paula Tobin examined the ballot boxes, demonstrated the boxes were empty and showed the ballot counters to be registered at zero. The Optical Scan Electronic Voting Systems operated throughout the day without incident.

Inspectors Joan Bagnell, Beverly Brown, Janet Edson, Ann Eldredge, Bette Hahner, Pepe Miller, Diane Rowlings, Dee Shippelhute, Jennifer Smith, Carol Tautkus, Charleen Greenhalgh, Davi Porter, Sandi Porter, Melanie Taylor, and Warden Carol Barry all contributed to the success of this election.

The polls closed at 8:00 p.m. At the time of this election there were 5,755 registered voters in Chatham. 4,114 ballots were cast (74%).

<u>SENATOR IN CONGRESS</u>	<u>TOTAL</u>
BLANKS	31
ELIZABETH A. WARREN *	2107
GEOFF DIEHL	1862
SHIVA AYYADURAI	108
WRITE-INS	6
<b>TOTAL</b>	<b>4114</b>

<u>GOVERNOR &amp; LIEUTENANT GOVERNOR</u>	<u>TOTAL</u>
BLANKS	116
BAKER & POLITO *	3045
GONZALEZ & PALFREY	937
WRITE-INS	16
<b>TOTAL</b>	<b>4114</b>

<u>ATTORNEY GENERAL</u>	<u>TOTAL</u>
BLANKS	47
MAURA HEALEY *	2443
JAMES R. MCMAHON, III	1621
WRITE-INS	3
<b>TOTAL</b>	<b>4114</b>

<u>SECRETARY OF STATE</u>	<u>TOTAL</u>
BLANKS	100
WILLIAM FRANCIS GALVIN *	2520
ANTHONY M. AMORE	1398
JUAN G. SANCHEZ, JR.	94
WRITE-INS	2
<b>TOTAL</b>	<b>4114</b>

<u>TREASURER</u>	<u>TOTAL</u>
BLANKS	141
DEBORAH B. GOLDBERG *	2287
KEIKO M. ORRALL	1597
JAMIE M. GUERIN	88
WRITE-INS	1
<b>TOTAL</b>	<b>4114</b>

<u>AUDITOR</u>	<u>TOTAL</u>
BLANKS	167
SUZANNE M. BUMP *	2071
HELEN BRADY	1654
DANIEL FISHMAN	145
EDWARD J. STAMAS	76
WRITE-INS	1
<b>TOTAL</b>	<b>4114</b>

<u>REPRESENTATIVE IN CONGRESS</u>	<u>TOTAL</u>
BLANKS	46
BILL KEATING *	2348
PETER D. TEDESCHI	1716
WRITE-INS	4
<b>TOTAL</b>	<b>4114</b>

<u>COUNCILLOR</u>	<u>TOTAL</u>
BLANKS	177
JOSEPH C. FERREIRA *	2133
THOMAS F. KEYES	1802
WRITE-INS	2
<b>TOTAL</b>	<b>4114</b>

<u>SENATOR IN GENERAL COURT</u>	<u>TOTAL</u>
BLANKS	94
JULIAN ANDRE CYR *	2286
JOHN G. FLORES	1731
WRITE-INS	3
<b>TOTAL</b>	<b>4114</b>

<u>REPRESENTATIVE IN GENERAL COURT</u>	<u>TOTAL</u>
BLANKS	1075
SARAH K. PEAKE *	2982
WRITE-INS	57
<b>TOTAL</b>	<b>4114</b>

<u>DISTRICT ATTORNEY</u>	<u>TOTAL</u>
BLANKS	1078
MICHAEL D. O'KEEFE *	2987
WRITE-INS	49
<b>TOTAL</b>	<b>4114</b>

<u>CLERK OF COURTS</u>	<u>TOTAL</u>
BLANKS	1108
SCOTT W. NICKERSON *	2960
WRITE-INS	46
<b>TOTAL</b>	<b>4114</b>

<u>REGISTER OF DEEDS</u>	<u>TOTAL</u>
BLANKS	1129
JOHN F. MEADE *	2939
WRITE-INS	46
<b>TOTAL</b>	<b>4114</b>

<u>COUNTY COMMISSIONER</u>	<u>TOTAL</u>
BLANKS	147
LEO G. CAKOUNES	1882
RONALD J. BERGSTROM *	2081
WRITE-INS	4
<b>TOTAL</b>	<b>4114</b>

<u>BARNSTABLE ASSEMBLY DELEGATE</u>	<u>TOTAL</u>
BLANKS	1365
RANDI J. POTASH *	2733
WRITE-INS	16
<b>TOTAL</b>	<b>4114</b>

### QUESTION 1: LAW PROPOSED BY INITIATIVE PETITION

Do you approve of a law summarized below, on which no vote was taken by the Senate or the House of Representatives on or before May 2, 2018?

### SUMMARY

This proposed law would limit how many patients could be assigned to each registered nurse in Massachusetts hospitals and certain other health care facilities. The maximum number of patients per registered nurse

## Town of Chatham – State Election Minutes – November 6, 2018

would vary by type of unit and level of care, as follows:

- In units with step-down/intermediate care patients: 3 patients per nurse;
- In units with post-anesthesia care or operating room patients: 1 patient under anesthesia per nurse; 2 patients post-anesthesia per nurse;
- In the emergency services department: 1 critical or intensive care patient per nurse (or 2 if the nurse has assessed each patient's condition as stable); 2 urgent non-stable patients per nurse; 3 urgent stable patients per nurse; or 5 non-urgent stable patients per nurse;
- In units with maternity patients: (a) active labor patients: 1 patient per nurse; (b) during birth and for up to two hours immediately postpartum: 1 mother per nurse and 1 baby per nurse; (c) when the condition of the mother and baby are determined to be stable: 1 mother and her baby or babies per nurse; (d) postpartum: 6 patients per nurse; (e) intermediate care or continuing care babies: 2 babies per nurse; (f) well-babies: 6 babies per nurse;
- In units with pediatric, medical, surgical, telemetry, or observational/outpatient treatment patients, or any other unit: 4 patients per nurse; and
- In units with psychiatric or rehabilitation patients: 5 patients per nurse.

The proposed law would require a covered facility to comply with the patient assignment limits without reducing its level of nursing, service, maintenance, clerical, professional, and other staff.

The proposed law would also require every covered facility to develop a written patient acuity tool for each unit to evaluate the condition of each patient. This tool would be used by nurses in deciding whether patient limits should be lower than the limits of the proposed law at any given time.

The proposed law would not override any contract in effect on January 1, 2019 that set higher patient limits. The proposed law's limits would take effect after any such contract expired.

The state Health Policy Commission would be required to promulgate regulations to implement the proposed law. The Commission could conduct inspections to ensure compliance with the law. Any facility receiving written notice from the Commission of a complaint or a violation would be required to submit a written compliance plan to the Commission. The Commission could report violations to the state Attorney General, who

could file suit to obtain a civil penalty of up to \$25,000 per violation as well as up to \$25,000 for each day a violation continued after the Commission notified the covered facility of the violation. The Health Policy Commission would be required to establish a toll-free telephone number for complaints and a website where complaints, compliance plans, and violations would appear.

The proposed law would prohibit discipline or retaliation against any employee for complying with the patient assignment limits of the law. The proposed law would require every covered facility to post within each unit, patient room, and waiting area a notice explaining the patient limits and how to report violations. Each day of a facility's non-compliance with the posting requirement would be punishable by a civil penalty between \$250 and \$2,500.

The proposed law's requirements would be suspended during a state or nationally declared public health emergency.

The proposed law states that, if any of its parts were declared invalid, the other parts would stay in effect. The proposed law would take effect on January 1, 2019.

**A YES VOTE** would limit the number of patients that could be assigned to one registered nurse in hospitals and certain other health care facilities.

**A NO VOTE** would make no change in current laws relative to patient-to-nurse limits.

<b>QUESTION ONE (1)</b>	<b>TOTAL</b>
BLANKS	83
YES	1092
NO *	2939
<b>TOTAL</b>	<b>4114</b>

### **QUESTION 2: LAW PROPOSED BY INITIATIVE PETITION**

Do you approve of a law summarized below, on which no vote was taken by the Senate or the House of Representatives on or before May 2, 2018?

#### **SUMMARY**

This proposed law would create a citizens commission to consider and recommend potential amendments to the United States Constitution to establish that corporations do not have the same Constitutional rights as human beings and that campaign contributions and expenditures may be regulated.

Any resident of Massachusetts who is a United States citizen would be able to apply for appointment to the 15-member commission, and members would serve without compensation. The Governor, the Secretary

of the Commonwealth, the state Attorney General, the Speaker of the state House of Representatives, and the President of the state Senate would each appoint three members of the commission and, in making these appointments, would seek to ensure that the commission reflects a range of geographic, political, and demographic backgrounds.

The commission would be required to research and take testimony, and then issue a report regarding (1) the impact of political spending in Massachusetts; (2) any limitations on the state's ability to regulate corporations and other entities in light of Supreme Court decisions that allow corporations to assert certain constitutional rights; (3) recommendations for constitutional amendments; (4) an analysis of constitutional amendments introduced to Congress; and (5) recommendations for advancing proposed amendments to the United States Constitution.

The commission would be subject to the state Open Meeting Law and Public Records Law. The commission's first report would be due December 31, 2019, and the Secretary of the Commonwealth would be required to deliver the commission's report to the state Legislature, the United States Congress, and the President of the United States.

The proposed law states that, if any of its parts were declared invalid, the other parts would stay in effect. The proposed law would take effect on January 1, 2019.

**A YES VOTE** would create a citizens commission to advance an amendment to the United States Constitution to limit the influence of money in elections and establish that corporations do not have the same rights as human beings.

**A NO VOTE** would not create this commission.

<b>QUESTION TWO (2)</b>	<b>TOTAL</b>
BLANKS	127
YES *	2734
NO	1253
<b>TOTAL</b>	<b>4114</b>

### **QUESTION 3: REFERENDUM ON AN EXISTING LAW**

Do you approve of a law summarized below, which was approved by the House of Representatives and the Senate on July 7, 2016?

#### **SUMMARY**

This law adds gender identity to the list of prohibited grounds for discrimination in places of public accommodation, resort, or amusement. Such grounds also include race, color, religious creed, national origin, sex,

## Town of Chatham – State Election Minutes – November 6, 2018

disability, and ancestry. A “place of public accommodation, resort or amusement” is defined in existing law as any place that is open to and accepts or solicits the patronage of the general public, such as hotels, stores, restaurants, theaters, sports facilities, and hospitals. “Gender identity” is defined as a person’s sincerely held gender-related identity, appearance, or behavior, whether or not it is different from that traditionally associated with the person’s physiology or assigned sex at birth.

This law prohibits discrimination based on gender identity in a person’s admission to or treatment in any place of public accommodation. The law requires any such place that has separate areas for males and females (such as restrooms) to allow access to and full use of

those areas consistent with a person’s gender identity. The law also prohibits the owner or manager of a place of public accommodation from using advertising or signage that discriminates on the basis of gender identity.

This law directs the state Commission Against Discrimination to adopt rules or policies and make recommendations to carry out this law. The law also directs the state Attorney General to issue regulations or guidance on referring for legal action any person who asserts gender identity for an improper purpose.

The provisions of this law governing access to places of public accommodation are effective as of October 1, 2016. The remaining provisions are effective as of July 8, 2016.

**A YES VOTE** would keep in place the current law, which prohibits discrimination on the basis of gender identity in places of public accommodation.

**A NO VOTE** would repeal this provision of the public accommodation law.

<b>QUESTION THREE (3)</b>	<b>TOTAL</b>
BLANKS	101
YES *	2729
<u>NO</u>	<u>1284</u>
<b>TOTAL</b>	<b>4114</b>

**Respectfully submitted,  
Julie S. Smith, MMC/CMMC  
Chatham Town Clerk**

*Balancing the needs of our summer  
and year-round residents*

*Supporting local  
non-profits*

*Creating social &  
recreational opportunities  
for all ages*



*Conserving  
open spaces*

*Finding solutions*

*Honoring our heritage*